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U. S. DEPARTMENT OF THE INTERIOR
PROTOTYPE OIL SHALE LEASING PROGRAM

OIL SHALE TRACT C-b
DEVELOPMENT MONITORING REPORT #6
(December 1980 through April 1981)

Submitted to:

Mr. Peter A Rutledge
Deputy Conservation Manager - Oil Shale
Conservation Division
U. S. Geological Survey
Grand Junction, Colorado

By:

CATHEDRAL BLUFFS SHALE OIL COMPANY

TENNECO SHALE OIL COMPANY
OCCIDENTAL OIL SHALE, INC., OPERATOR

July 15, 1981

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INTRODUCTION

Regular environmental reporting for Oil Shale Tract C-b in the current phase called Development Monitoring consists of the following reports:

REPORT	SUBMITTAL DATE
Six-Month Data Reports	January 15 July 15
Annual Report	April

Development Monitoring was initiated in April, 1978. Following is a list of semi-annual data reports which have been submitted to the Deputy Conservation Manager - Oil Shale.

Report #	Date Submitted	Period of Data
Development Monitoring Report #1	January 15, 1979	April 1978 - September 1978.
Development Monitoring #2	July 15, 1979	October 1978 - April 1979.
Time Series Plots	August 15, 1979	October 1978 - April 1979.
Development Monitoring #3	January 15, 1980	May 1979 - October 1979.
Time Series Plots	February 1980	May 1979 - October 1979.
Development Monitoring #4	July 15, 1980	November 1979 - May 1980.
Time Series Plots	August 1980	November 1979 - May 1980.
Development Monitoring #5	January 15, 1981	June 1980 - November 1980
Time Series Plots	March 31, 1981	June 1980 - November 1980

This present report, Development Monitoring Report #6, contains data from December 1980 through April 1981. The time series plots will be presented as a supplemental report for this reporting period, expected to follow this report in approximately one month.

In order to maintain accuracy in the data base and reports, for errors that are found requiring corrections from previously reported data, the following actions have been taken:

1) Summary tables in this report and the C-b computerized data base reflect corrected data to the best of our knowledge.

2) Cross-reference tables to data corrections and data corrections from the preceeding data report appear in this report.

3) Cumulative correction cross-reference tables are included in this report and the data corrections will appear in the next data report.

1.0 PRE-EXPLORATION ENVIRONMENTAL RECONNAISSANCE SURVEYS

No environmental reconniassance surveys have been conducted during the development period. The results of previous surveys are contained in Quarterly Data Reports #1 and #3 and are summarized in Summary Reports #1 and #2.

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2.1 Tract Photography

This section contains an explanation of work accomplished during the period of this report for:

2.1.1 Surface Program

2.1.2 Aerial Program

Table/Figure No.	Description	Page No.
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An attempt has been made to refer to all stations by their four-digit computer station codes. For cross reference of these codes with corresponding station I D, refer to Section 4.0.

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2.1.1 Surface Program

2.1.1.1 Color

Photo studies will be conducted during the summer 1981. Figure 2.1.1-1 displays the 35 photo points used for this study.

2.1.1.2 Color Infrared

This type of photo study will also be conducted during the summer 1981. Dates which photos are taken will correspond with the Landsat overflight dates for a comparison in the growing season. Figure 2.1.1-2 displays stations used to take color infrared photos.

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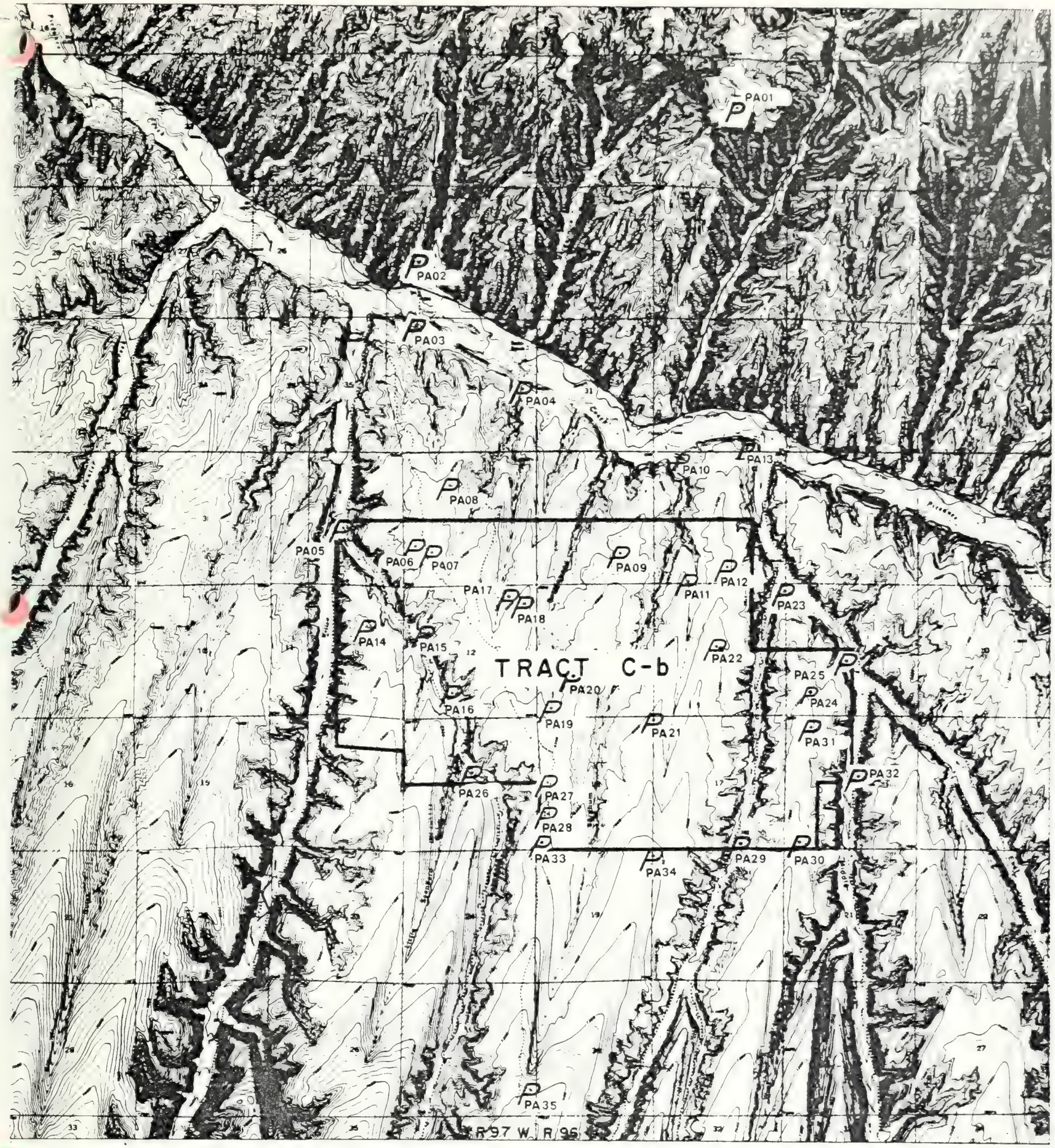

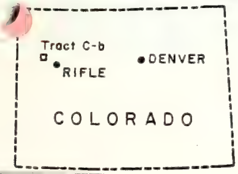

SURFACE PHOTOGRAPHY NETWORK

^{6}P = Photo Map Station

Figure 2.1.1-1

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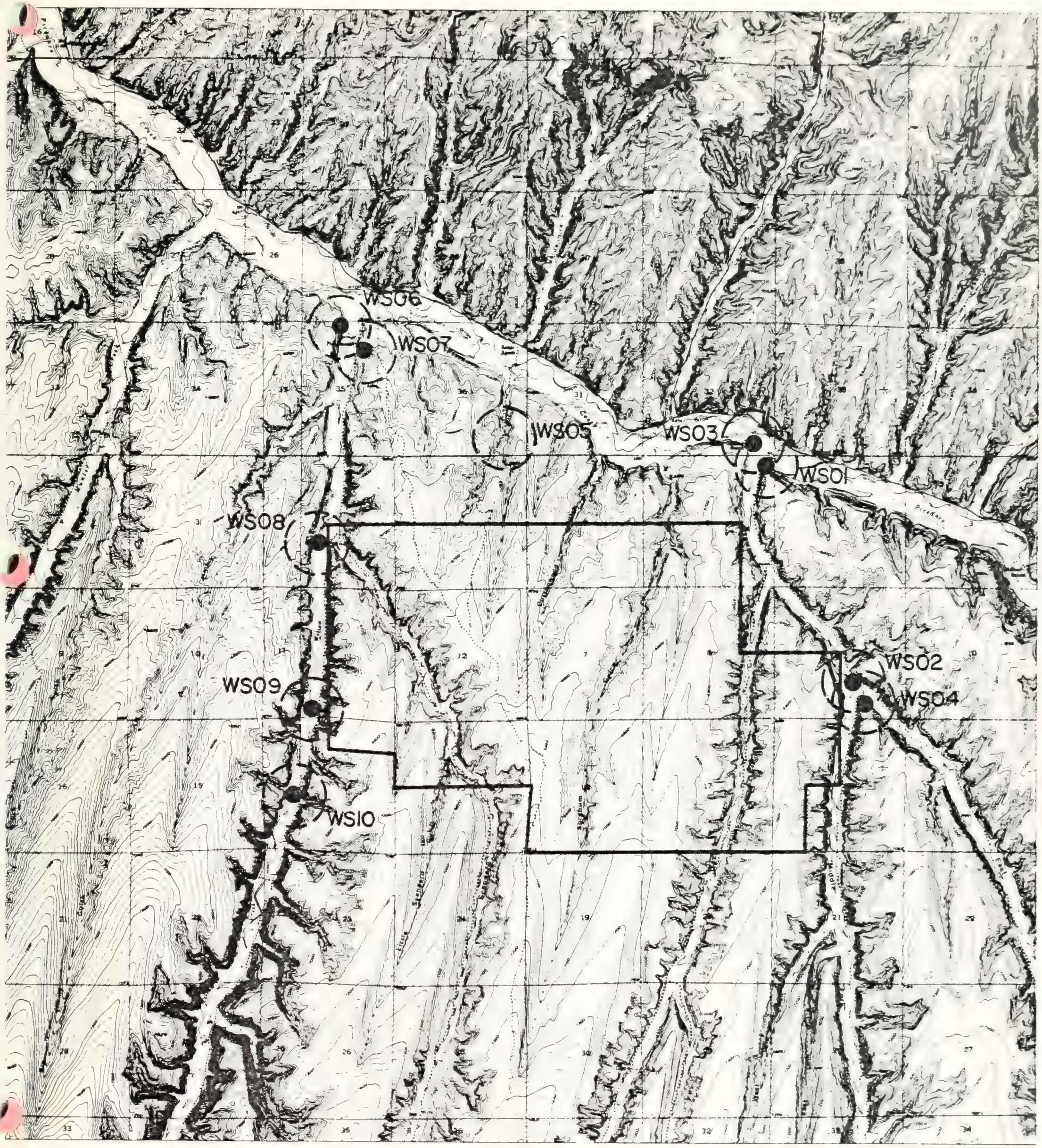

FIGURE 2.1.1-2
CIR PHOTOGRAPH STATIONS

○ "GROUND TRUTH" SITES FOR COLOR INFRARED PHOTOGRAPHY

● SPRINGS & SEEPS

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2.1.2 Aerial Program

2.1.2.1 Landsat

Landsat data and analysis will be presented in the next data report.

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2.2 Hydrology and Water Quality

Hydrologic and water quality monitoring frequency and laboratory analysis requirements vary by type and location of sample collection station. The requirements also vary between government agencies and purposes of monitoring. Tract C-b monitoring requirements have been detailed in these documents as follows:

DMP - Development Monitoring Plan prepared for the Oil Shale Office (OSO).

WAP - Water Augmentation Plan prepared for the State of Colorado Water Court, Division 5.

NPDES - National Pollutant Discharge Elimination System monthly report prepared for the State of Colorado Water Quality Control Division.

Exhibits A and B of the WAP, presented in jacket Figures 2.2.1 and 2.2.2 provide a complete list and location of the WAP sampling sites. Station coordinates and four-digit computer codes for current collection stations are presented in Section 4.0 Data Automation.

A summary of current and future water sampling frequency requirements by parameter and station type is presented in Table 2.2-1. Footnotes are used to identify special requirements.

Recompletion activities of Deep Wells on C-b Tract were in progress during this report period. Figures 2.2-1 through 2.2-17 show a pictorial description of each recompleted well. Due to the recompletion activities, swabbing of the wells was postponed until mid-summer 1981. These data will be reported in the next data report.

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TABLE 2.2-1

Water Reporting Interval Requirements for Indicator Variables by Monitoring Station Groups+

Indicator Variables	Symbol	Major USGS	Minor USGS	C-b Springs	Non-Affiliated Springs & Wells	Alluvial Wells	Upper Aquifer	Lower Aquifer	NPDES	Shafts	Reinjection Wells	Pond Seepage Wells
Alkalinity	$CaCO_3$	M	Q	Q		Q	SA	SA	SA*	R	R	R
No Alkalinity	NA											
P Alkalinity	PA											
Aluminum	Al	Q	Q	Q		Q	SA	SA	W* SA (2)	R	R	R
Ammonia	NH_3	M	Q	Q		Q	SA	SA	W*	R	R	R
Antimony	Sb											
Arsenic	As	M	Q	Q		Q	SA	SA		R	R	R
Bacteria	Bact											
Barium	Ba	Q	Q	Q		Q	SA	SA	SA$^{(2)}$		R	R
Beryllium	Be		Q						SA$^{(2)}$			
Bicarbonate	HCO_3	M		Q		Q	SA	SA	SA*	R	R	R
Biological Oxygen Demand	BOD	Q	Q	Q		SA	SA	SA				R
Bismuth	Bi								SA$^{(2)}$		R	
Boron	B	M	Q	Q		Q	SA	SA	W* SA*	R	R	R
Bromine	Br	Q	Q	A		A	SA	SA	SA*			
Cadmium	Cd	Q	Q	Q		Q			SA			
Calcium	Ca	M	Q	Q		Q	SA	SA	M* SA*	R	R	R
Carbonate	CO_3	M	Q	Q		Q	SA	SA		R	R	R
Chemical Oxygen Demand	COD	Q	Q	Q		Q	SA	SA	SA*		R	R
Chloride	Cl	M	Q	Q		Q	SA	SA	D* SA*	R	R	R
Chromium	Cr	Q	Q	Q		Q	SA	SA	SA$^{(2)}$		R	R
Cobalt	Co						SA	SA			R	R
Coliform, Fecal		Q	Q	SA		SA						
Coliform Total		Q	Q	SA		SA						
Color (Not Precise)									SA*			
Cond. Hydrocarbon	CH											
Conductivity, Specifics	Pc	D		M		M	SA					
Copper	Cu	Q	Q	Q		Q	SA	SA	M* SA$^{(2)}$		R	R
Cyanide	Cn	Q	Q						SA*			
Dissolved Oxygen	Do	D		M		M						
Element Scan		Q	Q									
Fecal Streptococcus		Q	Q	SA								
Flow		D	Q	W$^{(7)}$	M (Springs)			SA	D$^{(4)}$			
Fluoride	F	M	Q	Q		Q	SA	SA	W* SA*	R	R	R
Gallium	Ga								SA^1			
Germanium	Ge								SA*			
Hardness (Ca, Mg)				Q		Q	SA	SA			R	R
Hydroxides	Oh											
Iodine	I											
Iron	Fe	M	Q	Q		Q	SA	SA	W* SA$^{(1)}$	R	R	R
Kjeldahl Nitrogen		M	Q	Q		Q	SA	SA	SA$^{(1)}$		R	R
Lead	Pb	Q	Q	Q		Q	SA	SA	SA$^{(1)}$	R	R	R
Level					M (Wells)	M	M$^{(5)}$	M$^{(5)}$				
Lithium	Li	Q	Q	Q		Q	SA	SA	SA$^{(1)}$		R	R
Magnesium	Mg	M	Q	Q		Q	SA	SA	SA*	R	R	R
Manganese	Mn	M	Q	Q		Q	SA	SA	SA*	R	R	R
Mercury	Hg	Q	Q	Q		Q	SA	SA	M* SA$^{(1)}$		R	
Methylene Blue Active Substance	MBAS	SA				A						
Molybdenum	Mo	Q	Q	Q		Q	SA	SA	SA$^{(1)}$	R	R	R
Nickel	Ni			Q		Q	SA	SA	SA$^{(1)}$		R	R
Nitrate	NO_3	M	Q	Q		Q	SA	SA	SA*	R	R	R
Nitrite	NO_2	M	Q	Q					SA*			
Odor									SA*			
Oil & Grease	OLGR	Q	Q	Q		Q	SA	SA	D$^{(2)}$ W* SA*	R	R	R
Organic Carbon, Dissolved	DOC	M	Q	SA$^{(8)}$		SA	SA	SA	SA*	R	R	R
Organic Carbon, Total	TOC	M	Q									
Ortho-Phosphorus	PO_4	Q	Q									
Pesticides		SA										
pH	pH	D	Q	M		M	SA	SA	D*			
Phenols		M	Q	Q		Q	SA	SA	W* SA*	R	R	R
PNA	PNA						A$^{(6)}$	A$^{(6)}$				
Potassium	K	M	Q	Q		Q	SA	SA	SA$^{(1)}$	R	R	R
Rubidium	RB											
Sediment Chac.			A$^{(9)}$									
Selenium	Se	Q	Q	Q		Q	SA	SA	SA$^{(1)}$		R	
Scandium	SC											
Silica	SiO2	M	Q						SA*			
Silver	Ag					Q	SA	SA	M*		R	
Sodium	Na	M	Q	Q		Q	SA	SA	SA$^{(1)}$	R	R	R
Solids, Dissolved	TDS	M	Q			Q	SA	SA	W* SA$^{(1)}$	R	R	R
Solids Suspended	SOLS			Q					W*	R		
Strontium	Sr	Q	Q	Q		Q	SA	SA	SA$^{(1)}$		R	R
Surfactants												
Sulfate	SO_4	M	Q	Q		Q	SA	SA	SA*			
Sulfide	SO_2	Q	Q						SA*			
Temperature		D	Q	M		M						
Thiosulfite	S_2O_3											
Tin	Sn											
Titanium	Ti								SA(1)			
Tungsten	W											
Turbidity		D$^{(10)}$										
Vanadium	V								SA$^{(1)}$			
Yttrium	Y											
Zinc	Zn	Q	Q	Q		Q	SA	SA	M* SA$^{(1)}$		R	R
Zirconium	Zr								SA$^{(1)}$			
Radioactivity												
Gross Alpha (pci)		Q	Q	SA		SA	SA	SA	SA			
Radium 226	Ra 226			SA		SA	SA	SA	SA$^{(3)}$			
Natural Uranium	U								SA$^{(3)}$			
Gross Beta		Q	Q	SA		SA	SA	SA	SA$^{(3)}$			
Cesium	Cs 137								SA			
SR 90									SA$^{(3)}$			
Thorium 230	Th 230											
Uranium	U											
Fractionation Organic Carbon into												
a. Hydrophobic Basis		SA				SA			SA*			
b. Hydrophobic Acids		SA				SA			SA*			
c. Hydrophobic Neutrals		SA				SA			SA*			
d. Hydrophilic Bases		SA				SA			SA*			
e. Hydrophilic Acids						SA			SA*			
f. Hydrophilic Neutrals						SA			SA*			

REPORTING INTERVAL CODES

D = Daily
W = Weekly
M = Monthly
Q = Quarterly
SA = Semi-Annually
A = Annually
R = Random

NOTES:

+ See Table 3.3-2 for station identification.
* Applies to all NPDES discharge points.
[1] Total Values
[2] Visual analysis of presence of oil and grease only
[3] Required if gross alpha or gross beta increases by 20% above average.
[4] Daily flow also at USGS station WU61.
[5] Applies to both C-b affiliated and non-affiliated stations.
[6] Applies to stations and species to be identified
[7] Applies to DMP and WAP stations.
[8] Applies to two stations to be selected by AOSSO
[9] Applies to station WU42 only.
[10] Applies to stations WU07 and WU61 only.

PLANNED WELL CONFIGURATION

CB-1 WD01

FINAL STATUS: To be determined

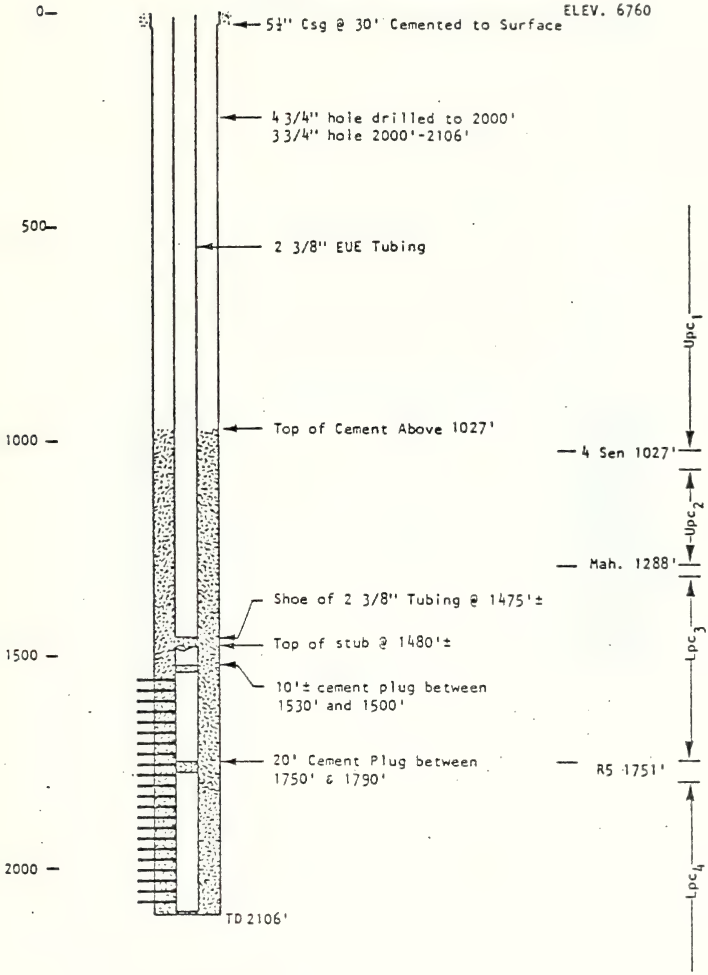


FIGURE A'

Figure 2.2-1

PLANNED WELL CONFIGURATION

Cb-2 WD02

FINAL STATUS: Upc$_1$ Monitor

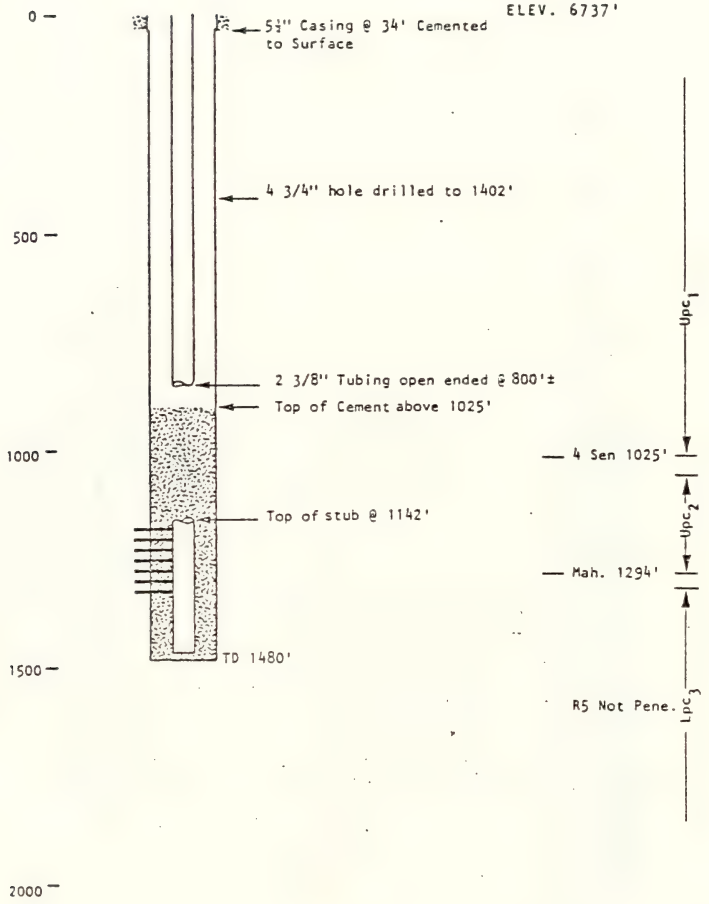

ELEV. 6737'
0
500
1000
1500
2000
5½" Casing @ 34' Cemented to Surface
4 3/4" hole drilled to 1402'
2 3/8" Tubing open ended @ 800'±
Top of Cement above 1025'
Top of stub @ 1142'
TD 1480'
4 Sen 1025'
Mah. 1294'
R5 Not Pene.
Upc1
Upc2
Lpc3

FIGURE B'

Figure 2.2-2

PLANNED WELL CONFIGURATION

CB-3 WE03

FINAL STATUS: To be determined

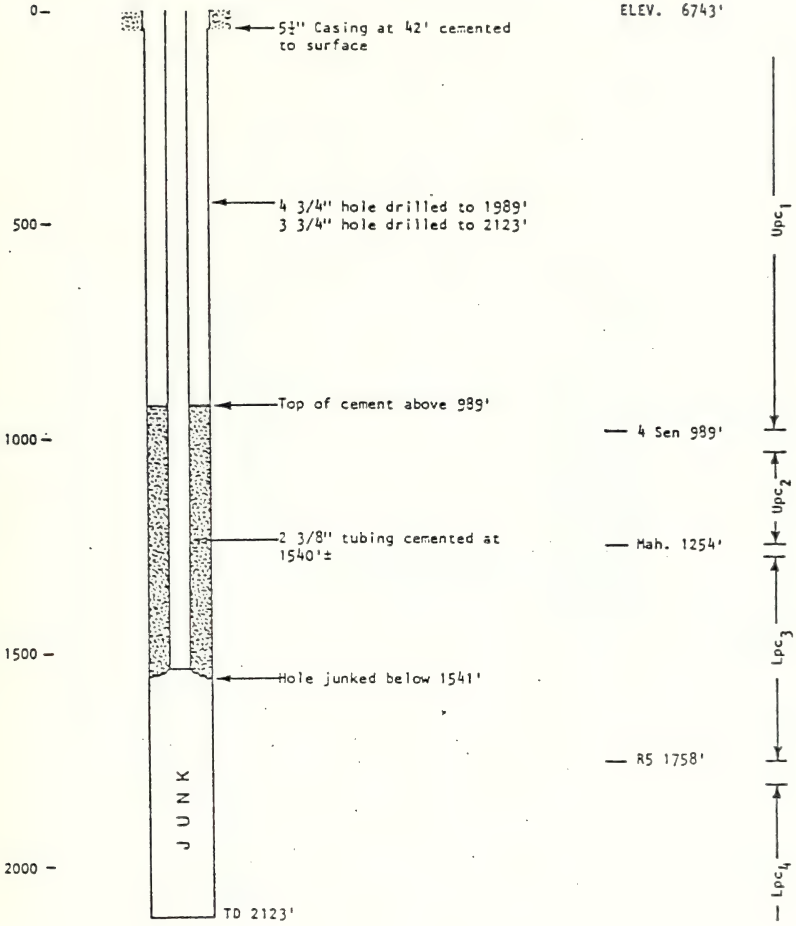


FIGURE C'

Figure 2.2-3

PLANNED WELL CONFIGURATION

CB-4 WE04

FINAL STATUS: Upc_2 Monitor

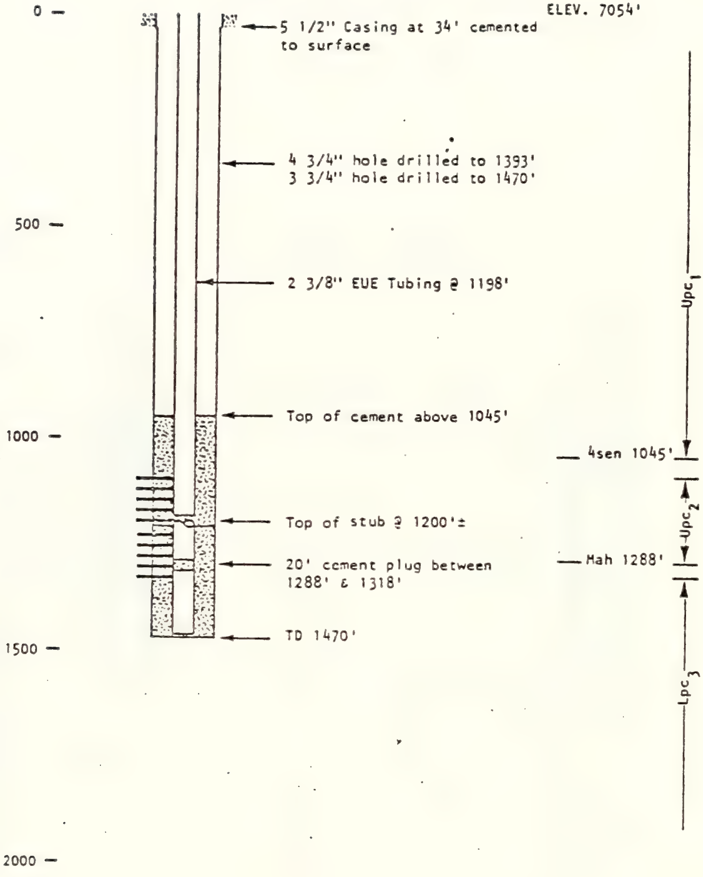

0
500
1000
1500
2000
ELEV. 7054'
5 1/2" Casing at 34' cemented to surface
4 3/4" hole drilled to 1393'
3 3/4" hole drilled to 1470'
2 3/8" EUE Tubing @ 1198'
Top of cement above 1045'
Top of stub @ 1200'±
20' cement plug between 1288' & 1318'
TD 1470'
Upc_1
4sen 1045'
Upc_2
Mah 1288'
Lpc_3

FIGURE D'

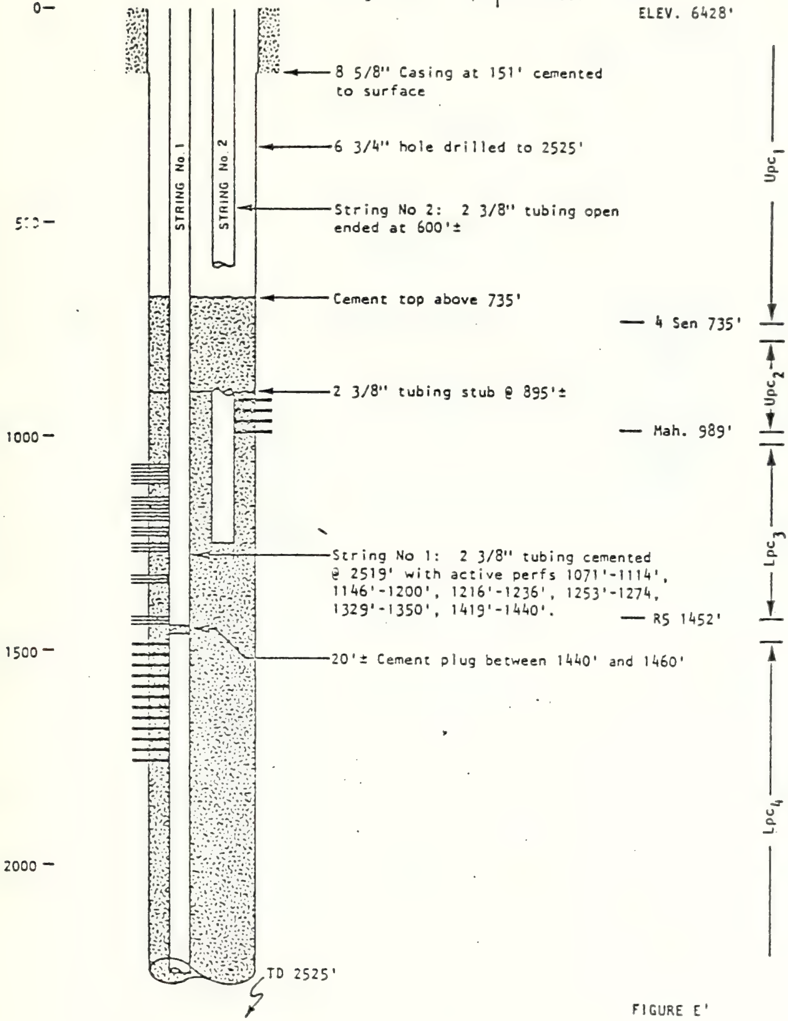
Figure 2.2-4

PLANNED WELL CONFIGURATION

SG-1

WG12
WD12

FINAL STATUS: String No 1 - Lpc_3 Monitor
String No 2 - Upc_1 Monitor



8 5/8" Casing at 151' cemented to surface

6 3/4" hole drilled to 2525'

String No 2: 2 3/8" tubing open ended at 600'±

Cement top above 735'

2 3/8" tubing stub @ 895'±

String No 1: 2 3/8" tubing cemented @ 2519' with active perfs 1071'-1114', 1146'-1200', 1216'-1236', 1253'-1274, 1329'-1350', 1419'-1440'.

20'± Cement plug between 1440' and 1460'

FIGURE E'

Figure 2.2-5

PLANNED WELL CONFIGURATION
SG-1A
FINAL STATUS: Upc$_2$ Monitor

WE11
WD11

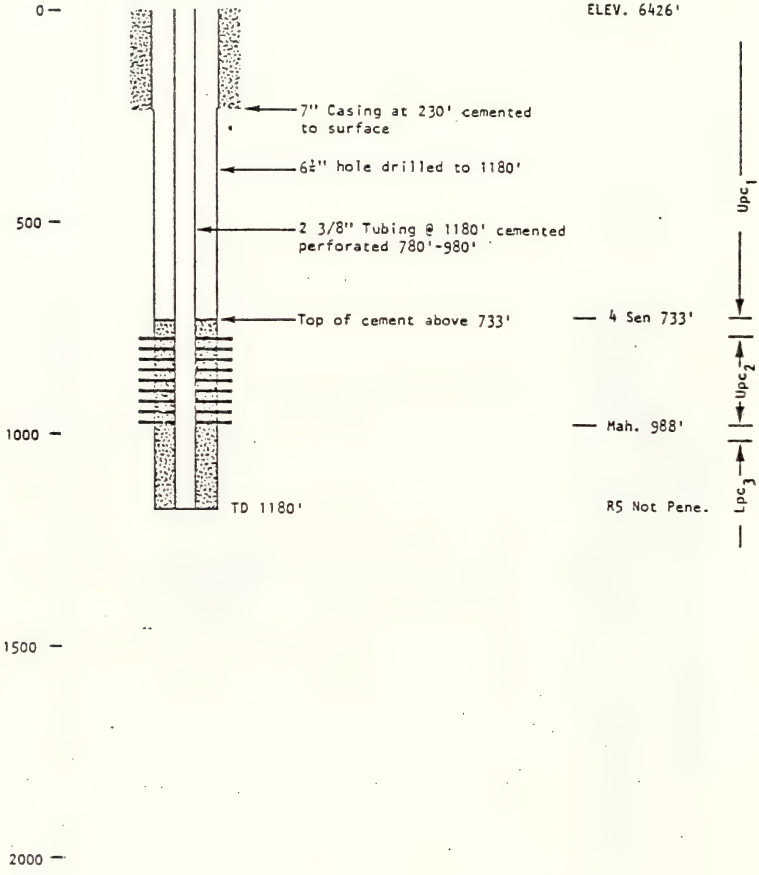

0
500
1000
1500
2000
ELEV. 6426'
7" Casing at 230' cemented to surface
6½" hole drilled to 1180'
2 3/8" Tubing @ 1180' cemented perforated 780'-980'
Top of cement above 733'
TD 1180'
4 Sen 733'
Mah. 988'
R5 Not Pene.
Upc$_1$
Upc$_2$
Lpc$_3$

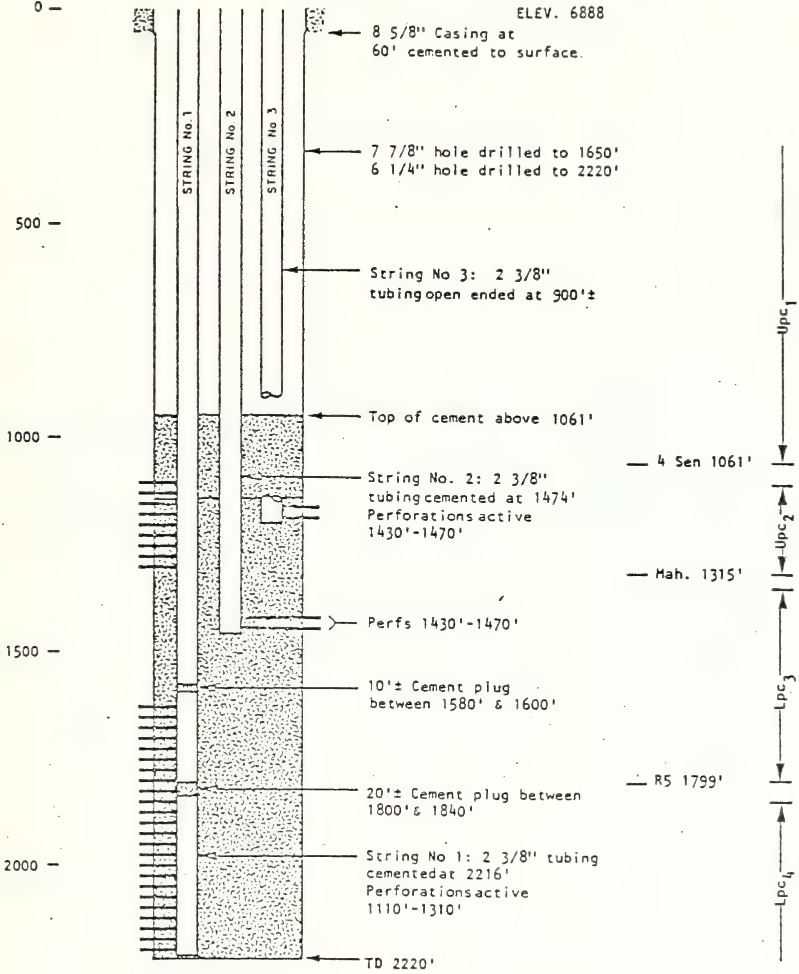
FIGURE F'

Figure 2.2-6

PLANNED WELL CONFIGURATION

SG-6

FINAL STATUS: String No 1 - Upc_2 Monitor WE61
String No 2 - Lpc_3 Monitor WG61
String No 3 - Upc_1 Monitor WD61



ELEV. 6888

8 5/8" Casing at 60' cemented to surface.

7 7/8" hole drilled to 1650'
6 1/4" hole drilled to 2220'

String No 3: 2 3/8" tubing open ended at 900'±

Top of cement above 1061'

String No. 2: 2 3/8" tubing cemented at 1474'
Perforations active 1430'-1470'

Perfs 1430'-1470'

10'± Cement plug between 1580' & 1600'

20'± Cement plug between 1800' & 1840'

String No 1: 2 3/8" tubing cemented at 2216'
Perforations active 1110'-1310'

TD 2220'

FIGURE G'

Figure 2.2-7

PLANNED WELL CONFIGURATION

SG-9

FINAL STATUS: String No 1 - Lpc_3 Monitor
String No 2A - Upc_2 Monitor
String No 3 - Upc_1 Monitor

WE91
WD91
WC91 WG91

ELEV. 6870'

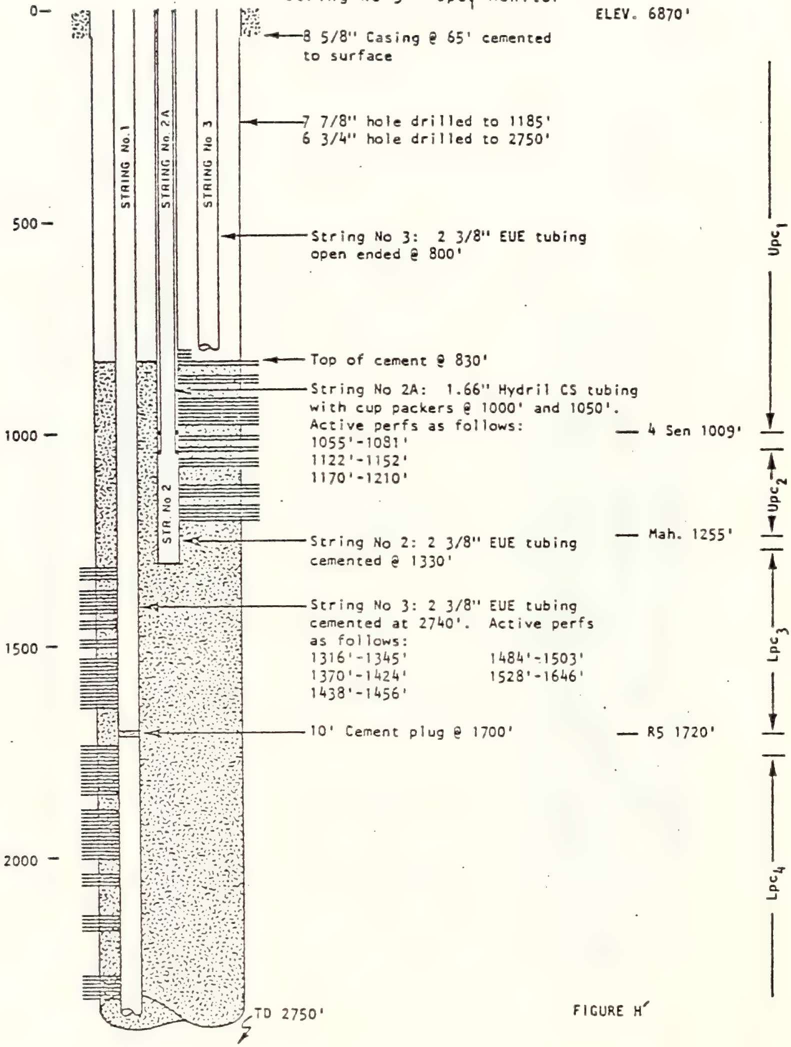

0
500
1000
1500
2000
STRING No. 1
STRING No. 2A
STRING No 3
STR. No 2
8 5/8" Casing @ 65' cemented to surface
7 7/8" hole drilled to 1185'
6 3/4" hole drilled to 2750'
String No 3: 2 3/8" EUE tubing open ended @ 800'
Top of cement @ 830'
String No 2A: 1.66" Hydril CS tubing with cup packers @ 1000' and 1050'. Active perfs as follows:
1055'-1081'
1122'-1152'
1170'-1210'
String No 2: 2 3/8" EUE tubing cemented @ 1330'
String No 3: 2 3/8" EUE tubing cemented at 2740'. Active perfs as follows:
1316'-1345'
1370'-1424'
1438'-1456'
1484'-1503'
1528'-1646'
10' Cement plug @ 1700'
TD 2750'
4 Sen 1009'
Mah. 1255'
RS 1720'
Upc_1
Upc_2
Lpc_3
Lpc_4
FIGURE H'

Figure 2.2-8

PLANNED WELL CONFIGURATION

SG-11

FINAL STATUS: String No 1 - Lpc_3 Monitor WG52
String No 2 - Upc_2 Monitor WE52
String No 3 - Upc_1 Monitor WD52

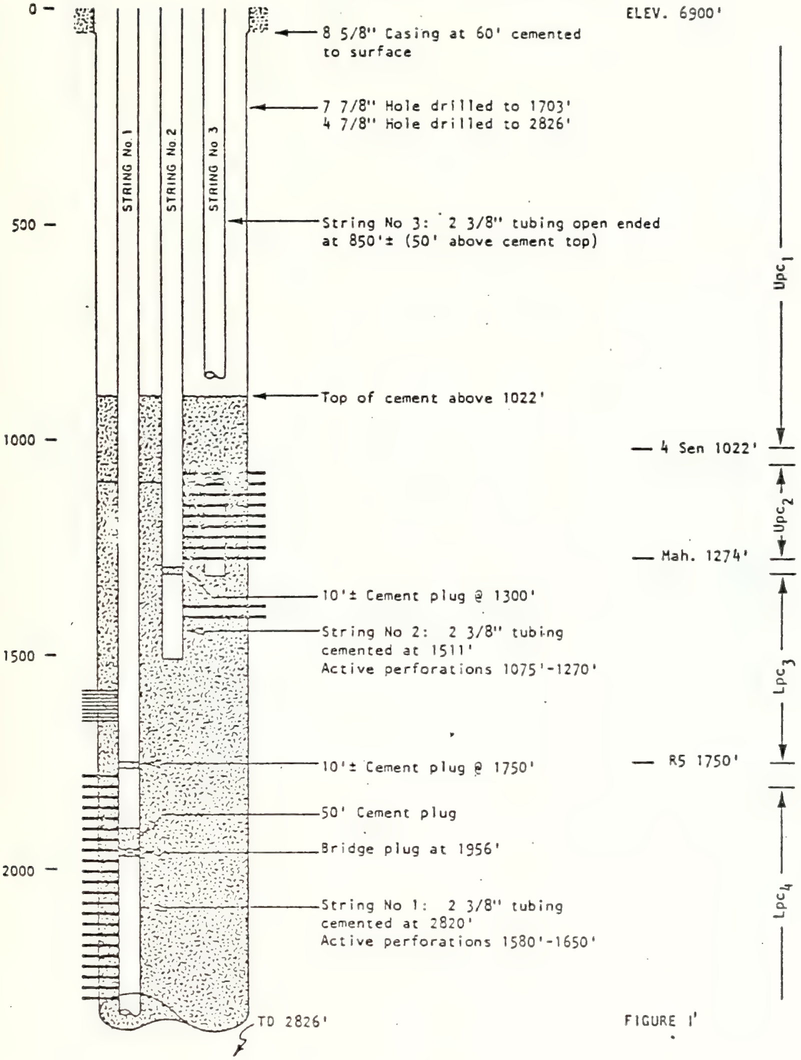

ELEV. 6900'
0
500
1000
1500
2000
STRING No. 1
STRING No. 2
STRING No 3
8 5/8" Casing at 60' cemented to surface
7 7/8" Hole drilled to 1703'
4 7/8" Hole drilled to 2826'
String No 3: 2 3/8" tubing open ended at 850'± (50' above cement top)
Top of cement above 1022'
4 Sen 1022'
Mah. 1274'
10'± Cement plug @ 1300'
String No 2: 2 3/8" tubing cemented at 1511'
Active perforations 1075'-1270'
10'± Cement plug @ 1750'
R5 1750'
50' Cement plug
Bridge plug at 1956'
String No 1: 2 3/8" tubing cemented at 2820'
Active perforations 1580'-1650'
TD 2826'
Upc1
Upc2
Lpc3
Lpc4
FIGURE 1'

Figure 2.2-9

PLANNED WELL CONFIGURATION

SG-17

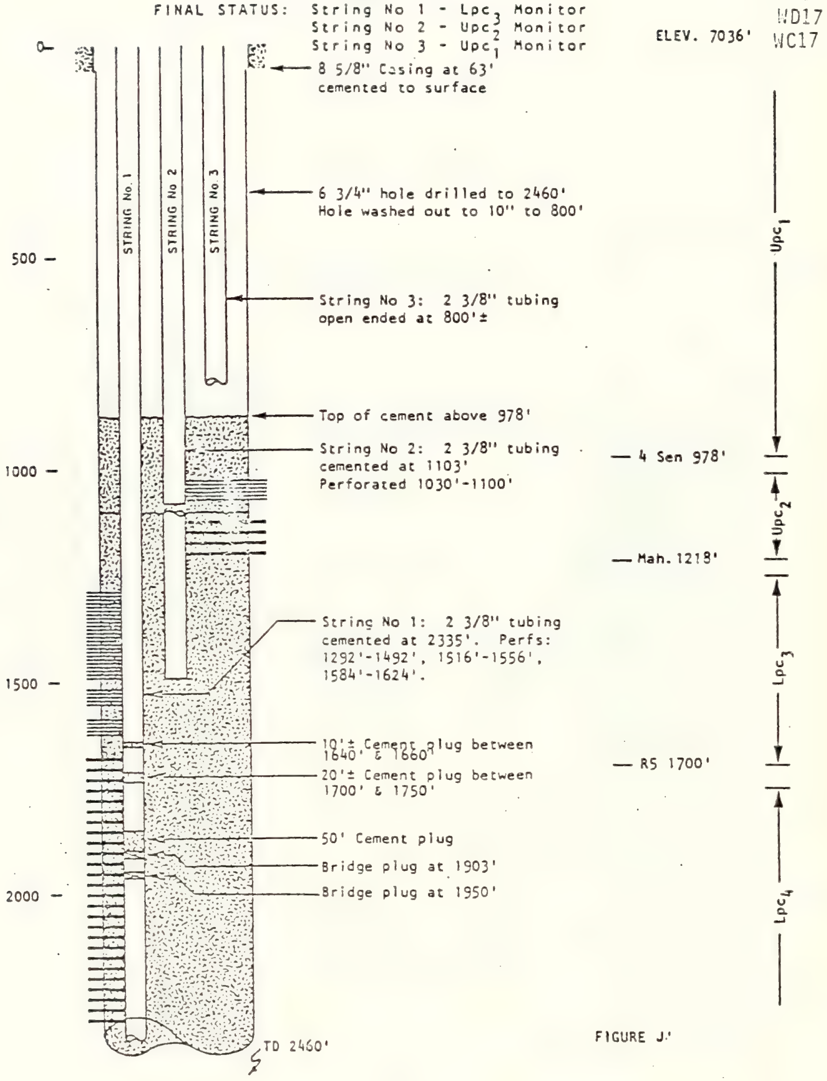

WG17
WE17
WD17
WC17
FINAL STATUS: String No 1 - Lpc$_3$ Monitor
String No 2 - Upc$_2$ Monitor
String No 3 - Upc$_1$ Monitor
ELEV. 7036'
0
500
1000
1500
2000
STRING No. 1
STRING No. 2
STRING No. 3
8 5/8" Casing at 63' cemented to surface
6 3/4" hole drilled to 2460' Hole washed out to 10" to 800'
String No 3: 2 3/8" tubing open ended at 800'±
Top of cement above 978'
String No 2: 2 3/8" tubing cemented at 1103' Perforated 1030'-1100'
String No 1: 2 3/8" tubing cemented at 2335'. Perfs: 1292'-1492', 1516'-1556', 1584'-1624'.
10'± Cement plug between 1640' & 1660'
20'± Cement plug between 1700' & 1750'
50' Cement plug
Bridge plug at 1903'
Bridge plug at 1950'
TD 2460'
— 4 Sen 978'
— Mah. 1218'
— RS 1700'
Upc$_1$
Upc$_2$
Lpc$_3$
Lpc$_4$
FIGURE J.'

Figure 2.2-10

PLANNED WELL CONFIGURATION

SG-18A

WG18
WE18
WD18

FINAL STATUS: String No 1 - Lpc_3 Monitor
String No 2 - Upc_2 Monitor
String No 3 - Upc_1 Monitor

ELEV. 7383

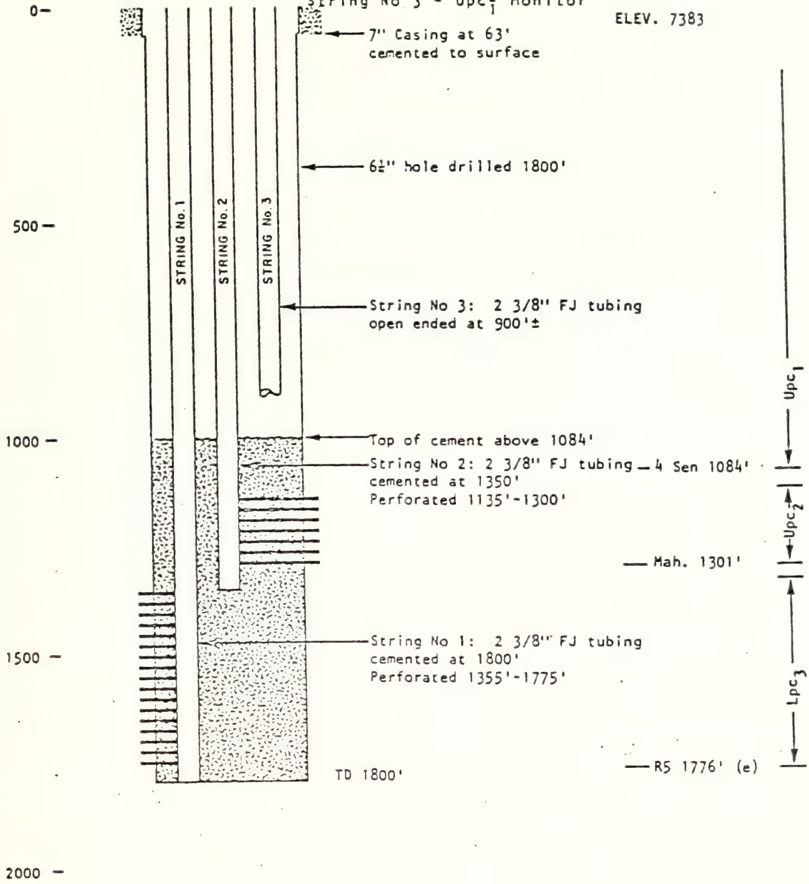

0
500
1000
1500
2000
STRING No. 1
STRING No. 2
STRING No. 3
7" Casing at 63' cemented to surface
6½" hole drilled 1800'
String No 3: 2 3/8" FJ tubing open ended at 900'±
Top of cement above 1084'
String No 2: 2 3/8" FJ tubing cemented at 1350' Perforated 1135'-1300'
4 Sen 1084'
Mah. 1301'
String No 1: 2 3/8" FJ tubing cemented at 1800' Perforated 1355'-1775'
TD 1800'
R5 1776' (e)
Upc1
Upc2
Lpc3

FIGURE K'

Figure 2.2-11

PLANNED WELL CONFIGURATION

SG-19 WD19

FINAL STATUS: Upc_1 Monitor

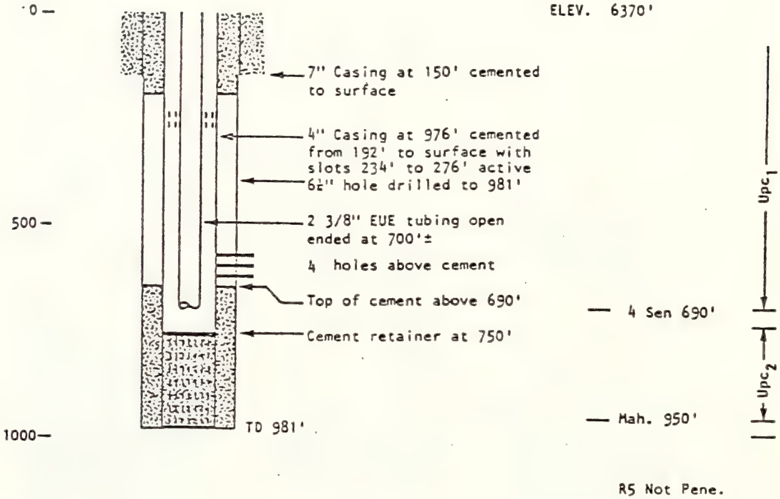


FIGURE L'

Figure 2.2-12

PLANNED WELL CONFIGURATION

SG-20

FINAL STATUS: String No 1 - Lpc_3 Monitor WG20
String No 2 - Upc_2 Monitor WE20
String No 3 - Upc_1 Monitor WD20

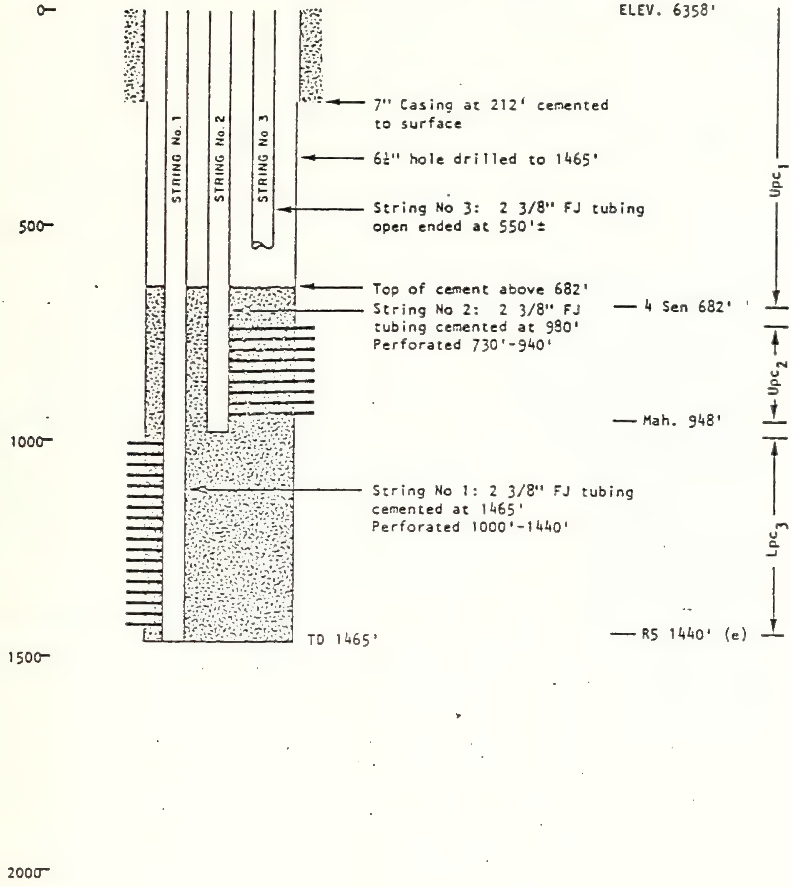

0
500
1000
1500
2000
STRING No. 1
STRING No. 2
STRING No 3
ELEV. 6358'
7" Casing at 212' cemented to surface
6½" hole drilled to 1465'
String No 3: 2 3/8" FJ tubing open ended at 550'±
Top of cement above 682'
String No 2: 2 3/8" FJ tubing cemented at 980' Perforated 730'-940'
String No 1: 2 3/8" FJ tubing cemented at 1465' Perforated 1000'-1440'
TD 1465'
4 Sen 682'
Mah. 948'
R5 1440' (e)
Upc1
Upc2
Lpc3

FIGURE H'

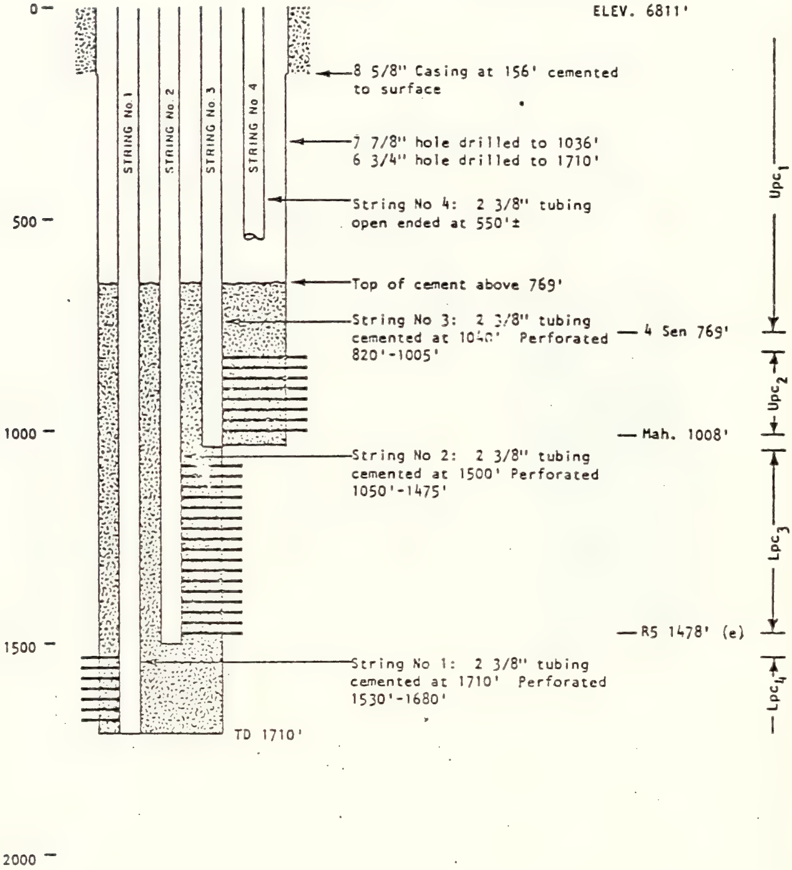
Figure 2.2-13

PLANNED WELL CONFIGURATION

SG-21

WH21

FINAL STATUS:
String No 1 - Lpc_4 Monitor WG21
String No 2 - Lpc_3 Monitor WE21
String No 3 - Upc_2 Monitor WD21
String No 4 - Upc_1 Monitor



8 5/8" Casing at 156' cemented to surface

7 7/8" hole drilled to 1036'
6 3/4" hole drilled to 1710'

String No 4: 2 3/8" tubing open ended at 550'±

Top of cement above 769'

String No 3: 2 3/8" tubing cemented at 1040' Perforated 820'-1005'

String No 2: 2 3/8" tubing cemented at 1500' Perforated 1050'-1475'

String No 1: 2 3/8" tubing cemented at 1710' Perforated 1530'-1680'

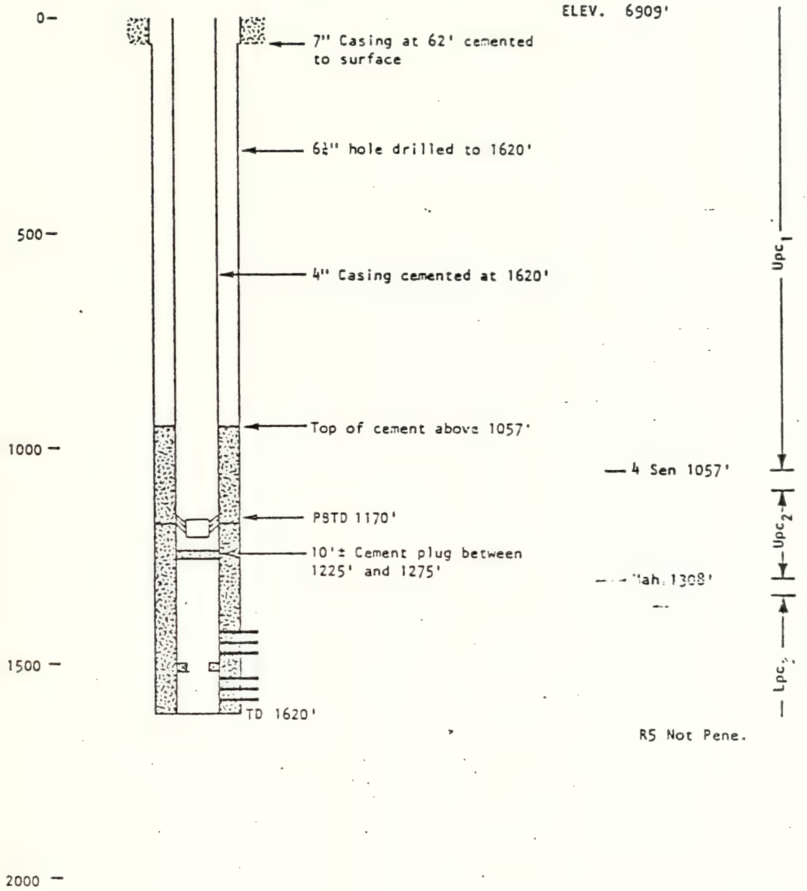
FIGURE N'

Figure 2.2-14

PLANNED WELL CONFIGURATION

AT-1A WV37

FINAL STATUS: Idle



ELEV. 6909'
0
500
1000
1500
2000
7" Casing at 62' cemented to surface
6½" hole drilled to 1620'
4" Casing cemented at 1620'
Top of cement above 1057'
PBTD 1170'
10'± Cement plug between 1225' and 1275'
TD 1620'
4 Sen 1057'
Mah 1308'
R5 Not Pene.
Upc_1
Upc_2
Lpc

FIGURE P'

Figure 2.2-15

PLANNED WELL CONFIGURATION

AT-1A1 WX38

FINAL STATUS: Lpc_4 monitor

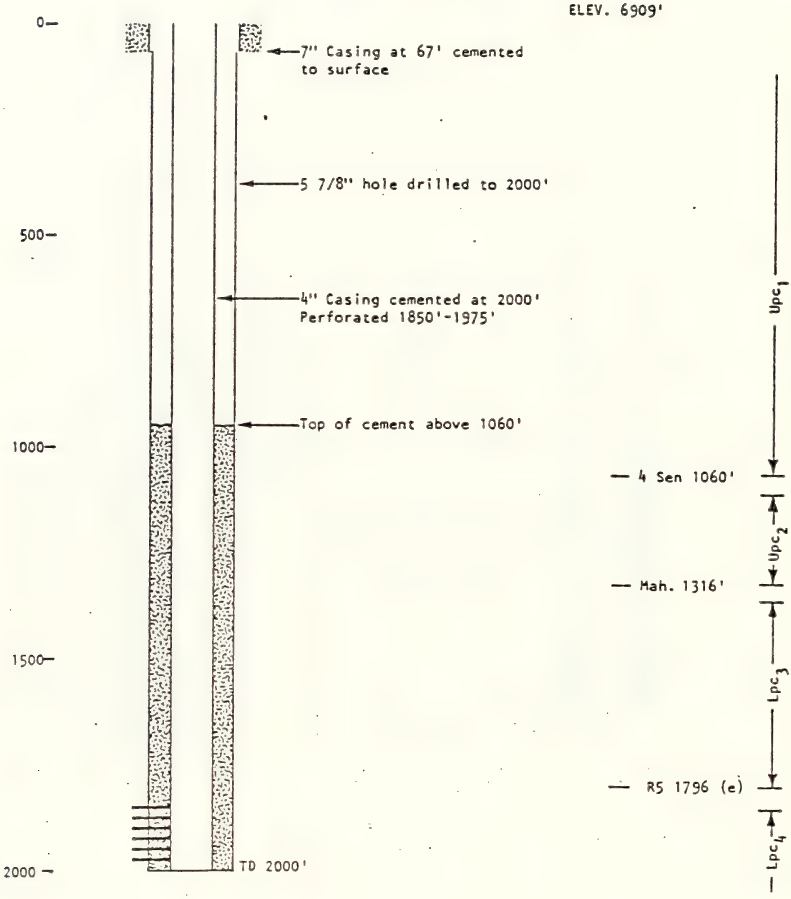

ELEV. 6909'
0
500
1000
1500
2000
7" Casing at 67' cemented to surface
5 7/8" hole drilled to 2000'
4" Casing cemented at 2000' Perforated 1850'-1975'
Top of cement above 1060'
TD 2000'
Upc_1
4 Sen 1060'
Upc_2
Mah. 1316'
Lpc_3
R5 1796 (e)
Lpc_4

FIGURE 0'

Figure 2.2-16

PLANNED WELL CONFIGURATION

AT-1B WV40

FINAL STATUS: String No 1 - Lpc_3 Monitor
String No 2 - Abandoned
String No 3 - Upc_1 Monitor

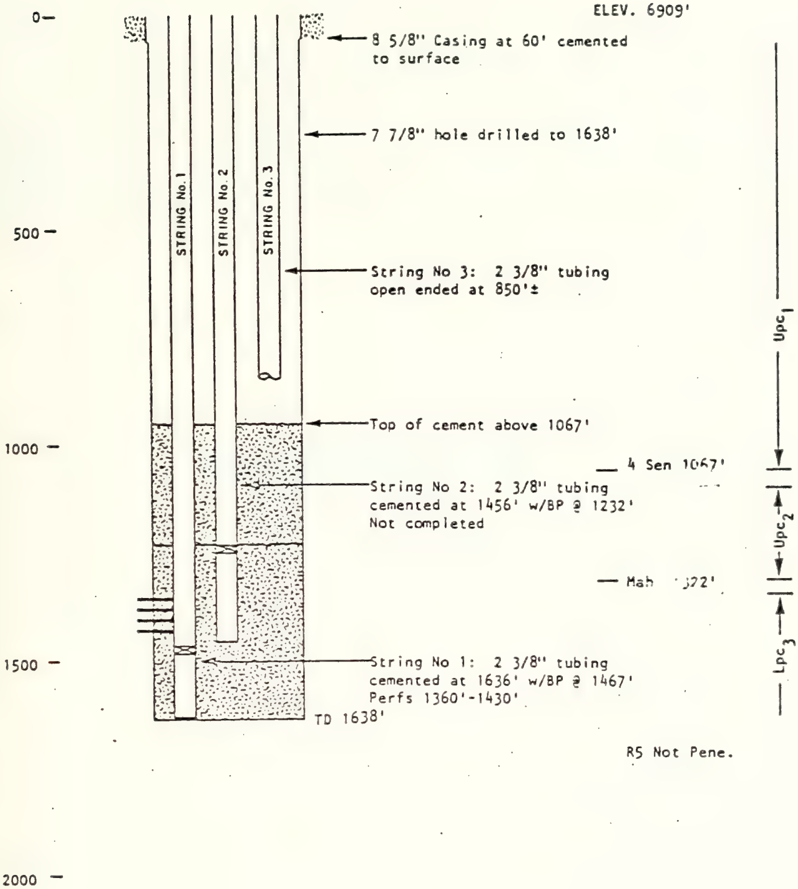

ELEV. 6909'
0
500
1000
1500
2000
STRING No. 1
STRING No. 2
STRING No. 3
8 5/8" Casing at 60' cemented to surface
7 7/8" hole drilled to 1638'
String No 3: 2 3/8" tubing open ended at 850'±
Top of cement above 1067'
4 Sen 1067'
String No 2: 2 3/8" tubing cemented at 1456' w/BP @ 1232' Not completed
Mah 1322'
String No 1: 2 3/8" tubing cemented at 1636' w/BP @ 1467' Perfs 1360'-1430'
TD 1638'
R5 Not Pene.
Upc_1
Upc_2
Lpc_3

FIGURE Q'

Figure 2.2-17

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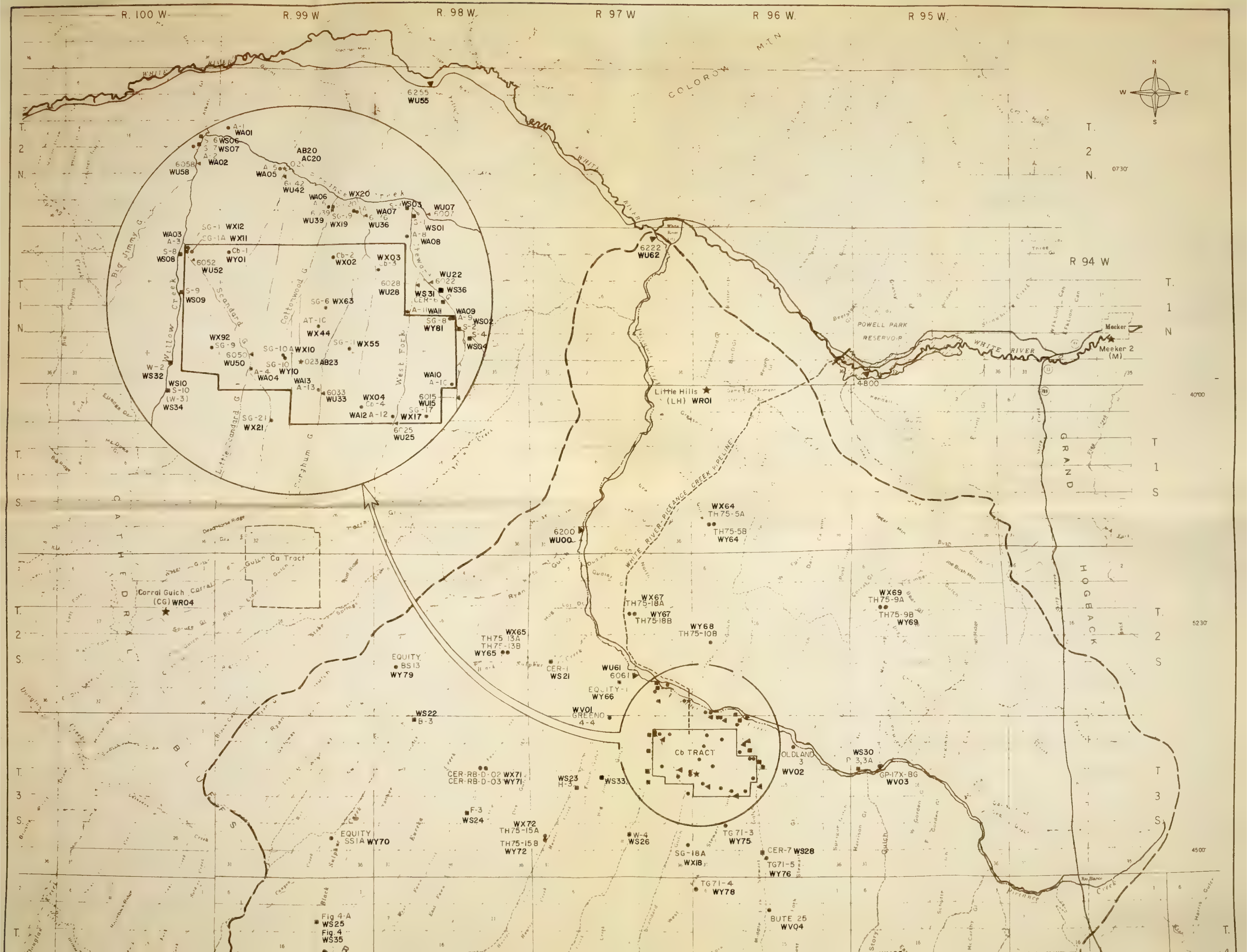
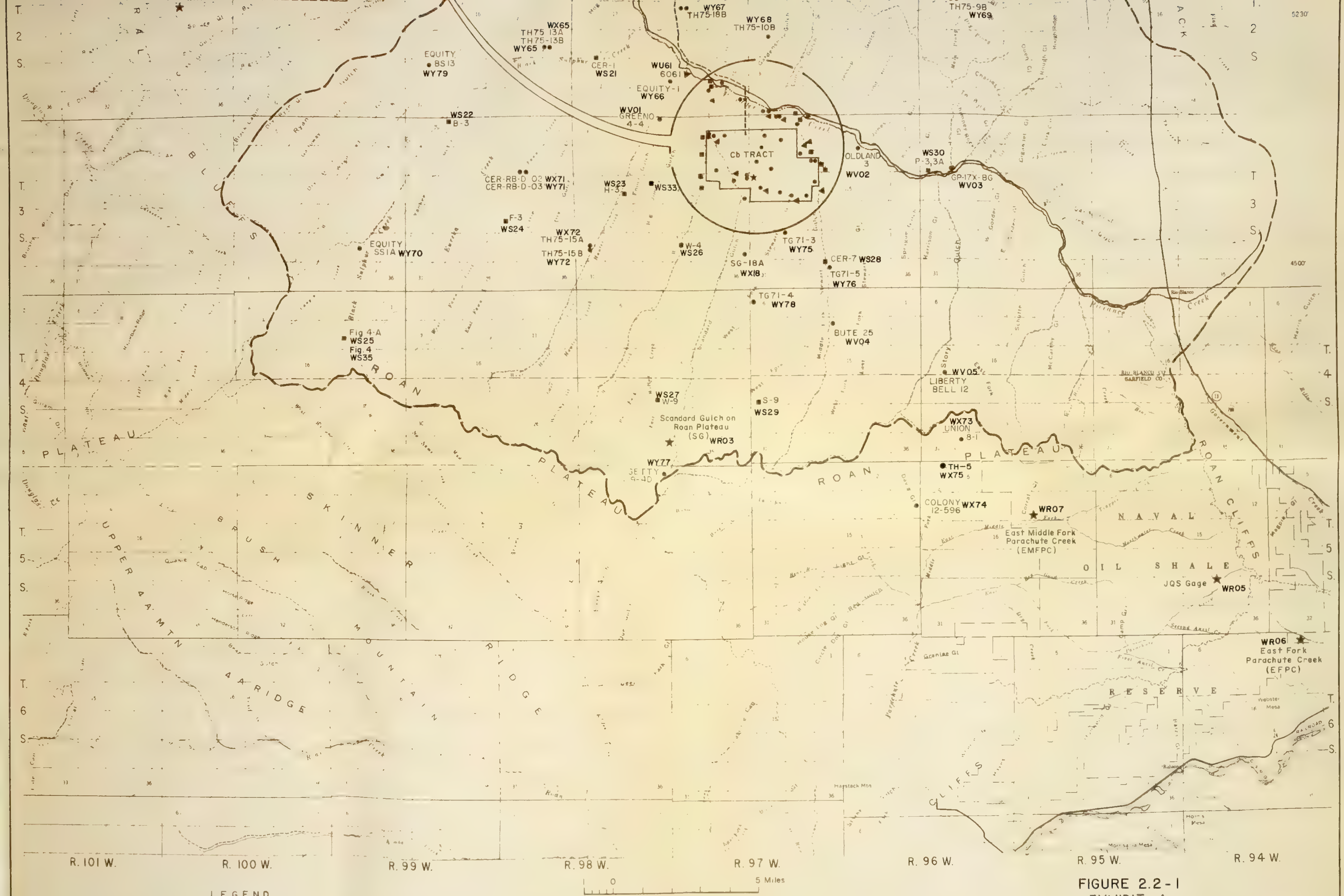


R. 100 W
R. 99 W
R. 98 W
R 97 W
R 96 W
R 95 W
R 94 W
T. 2 N.
T. 1 N.
T. 1 S.
T. 2 S.
T. 3 S.
N
W
E
S
WHITE RIVER
COLOROW MTN
6255 WU55
6222 WU62
White River
POWELL PARK RESERVOIR
WHITE RIVER
Meeker
Meeker 2 (M)
4800
Little Hills (LH) WR01
WHITE RIVER-PICEANCE CREEK PIPELINE
GRAND HOGBACK
WX64 TH75-5A
TH75-5B WY64
6200 WU00
Corral Gulch (CG) WR04
Gulch Ca Tract
CATHEDRAL BLUFFS
WX67 TH75-18A
WY67 TH75-18B
WY68 TH75-10B
WX69 TH75-9A
TH75-9B WY69
WX65 TH75 13A TH75-13B WY65
EQUITY BS13 WY79
CER-1 WS21
WU61 6061
EQUITY-1 WY66
WV01 GREENO 4-4
WS22 B-3
Cb TRACT
OLDLAND 3 WV02
WS30 P 3,3A
GP-17X-BG WV03
CER-RB-D-02 WX71
CER-RB-D-03 WY71
WS23 H-3
WS33
F-3 WS24
WX72 TH75-15A
TH75-15B WY72
EQUITY SS1A WY70
W-4 WS26
TG 71-3 WY75
SG-18A WX18
CER-7 WS28
TG71-5 WY76
TG71-4 WY78
Fig 4-A WS25
Fig. 4 WS35
BUTE 25 WV04
Piceance Creek
Rio Blanco
A-1 WA01
WS06
WS07
A-2 WA02
AB20 AC20
6058 WU58
A-5 WA05
6142 WU42
WX20
WA06
WU39
SG-19 WX19
WA07
WU36
S-3 WS03
WU07 6007
S-1 WS01
A-8 WA08
WA03 A-3
SG-1 WX12
SG-1A WX11
Cb-1 WY01
S-8 WS08
6052 WU52
Cb-2 WX02
WX03 Cb-3
6028 WU28
WU22 6022
WS31
WS36
CER-6
S-9 WS09
SG-6 WX63
A-11 WA11
WA09 A-9
WS02 S-2
SG-8 WY81
S-4 WS04
AT-1C WX44
SG-11 WX55
WX92 SG-9
SG-10A WX10
6050 WU50
SG-10 WY10
023 AB23
A-4 WA04
W-2 WS32
WS10 S-10 (W-3) WS34
WA13 A-13
6033 WU33
WA10 A-10
WX04 Cb-4
6015 WU15
SG-17 WX17
WA12 A-12
SG-21 WX21
6025 WU25
Big Jimmy G.
Willow Creek
Scandard G
Little Scandard G
Cottonwood G
West Fork
Sorghum G
Stewart G
Piceance Creek



(Base map supplied by the United States Geological Survey)

LEGEND

Symbol	Description
◀	Stream gaging station (prefix 0930 omitted from Station No.)
■	Observation well (may have multiple piezometers)
●	Spring or seep
★	Precipitation station
———	Paved roads
═ - -	Other roads and trails
— —	Topographic basin of Piceance Creek

NOTES

See Exhibit B for explanation of monitoring station designations, category and normal frequency of measurements, and entities making measurements.

FIGURE 2.2-1
EXHIBIT A

KEY FEATURES OF HYDROLOGIC MONITORING PROGRAM
FOR
Cb TRACT

PICEANCE CREEK BASIN
WATER DIVISION NO. 5
STATE OF COLORADO

TK 162

DECEMBER 1978

OBSERVATION WELLS

Designation	Owner of Well	Data Measured: Piezometric Levels: Upper Aquifer	Data Measured: Piezometric Levels: Lower Aquifer	Data Measured: Water Quality	Measurements By
Cb-1	Cb	–	m	p	A
Cb-2	Cb	m	–	p	A
Cb-3	Cb	m *	m *	p	A
Cb-4	Cb	m	–	p	A
SG-1	Cb	c	c	p	A
SG-1A	Cb	m	–	p	A
SG-6	Cb	m	m	p	A
SG-8	Cb	m	–	p	A
SG 8R	Cb	–	m	p	A
SG-9	Cb	c	c	p	A
SG-10	Cb	–	m	p	A
SG-10A	Cb	m	–	p	A
SG-10R	Cb	–	m	p	A
SG-11	Cb	m	m	p	A
SG-17	Cb	c	c	p	A
SG-18A	Cb	m	–	p	A
SG-19	Cb	c	–	p	A
SG-20	TOSCO	m	–	p	A
SG-21	Cb	m	–	p	A
AT-1C	Cb	m	m	p	A
A-1	+	c	–	p	A
A-2	+	m	–	p	A
A-3	Cb	c	–	p	A
A-4	Cb	m	–	p	A
A-5	Cb	c	–	p	A
A-6	+	m	–	p	A
A-7	Cb	c	–	p	A
A-8	+	c	–	p	A
A-9	Cb	m	–	p	A
A-10	Cb	m	–	p	A
A-11	Cb	c		p	A
A-12	Cb	m	–	p	A
A-13	Cb	m		p	A
TH75-5A & 5B	U S.	m (5A)	m (5B)	–	A/F
TH75-13A & 13B	U S.	m (13A)	m (13B)		A/F
Equity 1	Equity Oil Co	–	m		A/F
TH75-18A & 18B	U S	m (18A)	m (18B)	–	A/F
TH 75-10B	U S	–	m	–	A/F
TH75-9A & 9B	U S	m (9A)	m (9B)		A/F
Equity Sulfur 1A	Equity Oil Co		m	–	A/F
CER RB-D-02 & 03	U S	m (02)	m (03)	–	A/F
TH75-15A & 15B	U S	m (15A)	m (15B)		A/F
Greeno 4-4	Shell Oil Co	m *	m *	–	A/F
TG71-3	TOSCO	–	m	–	A/F
TG71-5	TOSCO		m	–	A/F
Oldland 3	TOSCO	m *	m *	–	A/F
GP-17X-8G	U S	m *	m *	–	A/F
Bute 25	TOSCO	m *	m *	–	A/F
Liberty Bell 12	TOSCO	m *	m *		A/F
Union 8-1	Union Oil Co	m	–	–	A
Getty 9-4D	Getty Oil Co	–	m		A/F
Colony 12-596	Atlantic Richfield	c	–		A/F
TG71-4	TOSCO	–	m	–	A/F
Equity BS-13	Equity Oil Co	–	m	–	A/F

An asterisk (*) following frequency symbols in columns under "Piezometric Levels" indicates that the composite piezometric level is monitored

Frequency of measurement of water levels in alluvial wells indicated under "Upper Aquifer"

+ Regardless of ownership, Applicant has the right to monitor these wells

STREAM FLOW

(Prefix 0930 omitted from Station No.)

Station No	Description	Data Measured: Discharge	Data Measured: Quality	Measurements By
4800	White River below Meeker	c	p	F
6007	Piceance Creek below Rio Blanco	c	p	F
6015	Middle Fork Stewart Gulch	c	p	F
6022	Stewart Gulch above West Fork	c	p	F
6025	West Fork Stewart Gulch, upstream	c	p	F
6028	West Fork Stewart Gulch at mouth	c	p	F
6033	Sorghum Gulch, upstream	c	p	F
6036	Sorghum Gulch at mouth	c	p	F
6039	Cottonwood Gulch	c	p	F
6042	Tributary of Piceance Cr. (No Name Gulch)	c	p	F
6050	Scandard Gulch, upstream	c	p	F
6052	Scandard Gulch at mouth	c	p	F
6058	Willow Creek	c	p	F
6061	Piceance Creek above Hunter Creek	c	p	F
6200	Piceance Creek below Ryan Gulch	c	p	F
6222	Piceance Creek at White River	c	p	F
6255	Yellow Creek near White River	c	p	F

SPRINGS OR SEEPS

Designation	Data Measured: Discharge	Data Measured: Quality	Measurements By
Cb S-	w	p	S/A
Cb S-2	–	p	A
Cb S-3	w	p	S/A
Cb S-4	–	p	A
Cb S-6	w	p	S/A
Cb S-7	–	p	A
Cb S-8	w	p	A
Cb S-9	w	p	A
Cb S-1 (W-3)	w	p	S/A
CER-1	w	–	S
B-3	w		S
H-3	w		S
F 3	w		S
Fig 4 A	w		S
W-4	w	–	S
W-9	w	–	S
CER-7	w	–	S
S-9	w	–	S
P 3 & 3A	w	–	S

GENERAL NOTES

See Exhibit A for location of monitoring stations listed on this Exhibit

2 Letter symbols under columns of "Data Measured" indicate normal frequency of measurements as follows

c - continuous recorder (or daily total or mean)	s - semiannually
w - weekly	a - annually
m - monthly	p periodic or variable depending on water quality parameters measured
q quarterly	

3 Letter symbols under column of "Measurements By" have following meanings

A - Applicants in Case No W-3492

F - Federal (USGS)

S - State of Colorado (Div of Water Resources)

O - Others (Indicated where known)

PRECIPITATION

Designation	Name of Station	Measurements: Frequency	Measurements: By
020	Cb Air quality trailer 020	c	A
023	Cb Air quality trailer 023	c	A
LH	Little Hills	c	F
M	Meeker 2	c	F
SG	Scandard Gulch on Roan Plateau	c	F
CG	Corral Gulch	c	F
JQS	JQS Gage	c	F
EFPC	East Fork Parachute Creek	c	F
EMFPC	East Middle Fork Parachute Creek	c	F

FIGURE 2.2-2

EXHIBIT B

LIST OF STATIONS OF HYDROLOGIC MONITORING PROGRAM FOR Cb TRACT

TK 162

DECEMBER 1978

2.2.1 Levels and Flows

This section presents hydrologic flows of surface streams and water levels in springs and seeps, alluvial and bedrock wells and impoundments. Data for monitoring stations required by DMP, WAP, and NPDES documents are identified within each subsection.

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2.2.1.1 Surface Streams

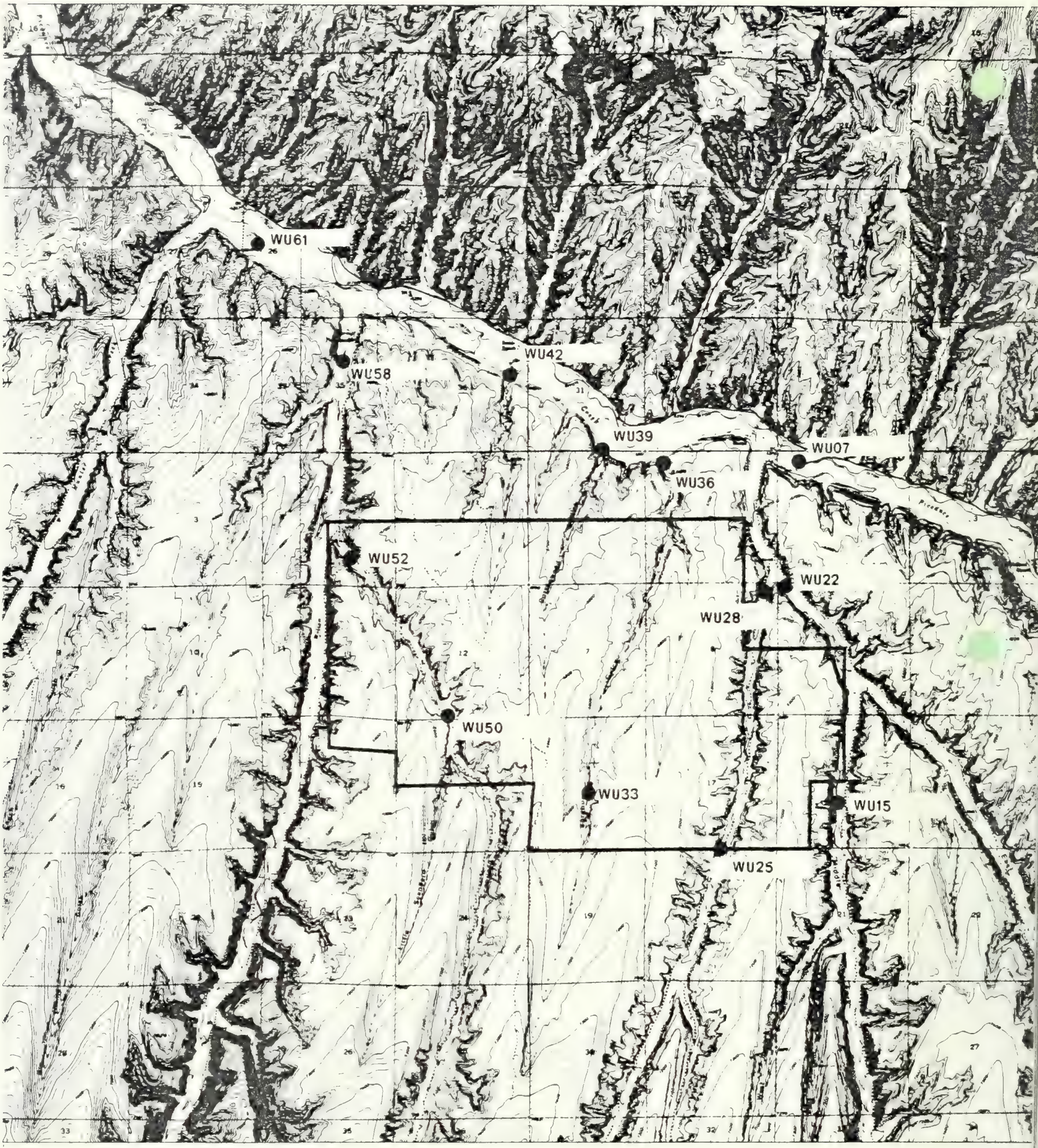
This section contains daily mean discharge data for four major surface water gauging stations and nine minor surface water gauging stations. These monitoring stations are shown on Figure 2.2.1.1-1. Data presented cover 1980 water year, October 1979 through September 1980. The following table lists stations and the pages which summarize the data.

TABLE 2.2.1.1-1

Surface Water Gauging Stations
Discharge Data

STATION	CODE	PAGE #
09306007*	WU07	I-43
09306015	WU15	I-44
09306022*	WU22	I-45
09306025	WU25	I-46
09306028	WU28	I-47
09306033	WU33	I-48
09306036	WU36	I-49
09306039	WU39	I-50
09306042	WU42	I-51
09306045	WU45	I-52
09306050	WU50	I-53
09306052	WU52	I-54
09306058*	WU58	I-55
09306061*	WU61	I-56

* Major Gauging Stations



U.S.G.S. STREAM GAUGING STATION MONITORING NETWORK

Figure 2.2.1.1-1

DISCHARGE, IN CFS, WATER YEAR 1981, MEAN VALUES, FOR

PICEANCE CREEK BELOW RIO BLANCO 9306007 WY 1981 MEAN DAILY DISCHARGE

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JULY	AUG	SEPT
1	7.80	11.00	11.00	9.90	8.80	6.40	9.80	9.10				
2	7.90	11.00	11.00	9.90	8.80	5.50	10.00	9.10				
3	8.00	11.00	11.00	9.90	8.80	5.30	15.00	11.00				
4	8.00	11.00	10.00	9.60	8.80	4.90	12.00	9.80				
5	8.10	12.00	10.00	10.00	8.80	4.70	10.00	10.00				
6	8.50	12.00	11.00	9.80	8.80	6.90	10.00	8.90				
7	5.70	12.00	11.00	9.60	8.80	7.70	18.00	4.50				
8	4.60	7.60	10.00	9.50	8.80	7.70	15.00	3.90				
9	2.70	8.10	9.70	9.50	8.80	7.40	9.80	7.90				
10	2.50	9.60	8.60	9.40	8.80	8.80	8.60	10.00				
11	5.00	10.00	9.30	10.00	8.80	9.00	8.60	10.00				
12	8.70	15.00	11.00	10.00	8.80	8.30	6.00	9.20				
13	6.70	19.00	11.00	10.00	8.80	8.00	4.20	9.00				
14	7.60	16.00	11.00	10.00	8.80	7.70	2.40	9.10				
15	11.00	15.00	11.00	9.10	9.10	7.70	1.30	9.40				
16	9.70	14.00	10.00	9.40	8.90	7.40	1.50	9.60				
17	9.50	13.00	10.00	9.20	8.90	9.30	1.30	9.80				
18	9.10	13.00	10.00	9.40	9.00	8.30	0.88	7.70				
19	9.20	12.00	10.00	9.80	9.20	7.70	0.77	5.30				
20	9.20	12.00	10.00	9.50	9.40	7.80	0.77	3.20				
21	9.00	12.00	9.90	10.00	9.50	8.30	0.78	0.98				
22	11.00	12.00	10.00	9.20	9.30	8.10	0.67	0.86				
23	7.70	12.00	9.80	9.50	8.50	8.10	0.68	1.90				
24	8.10	12.00	10.00	8.90	7.40	8.50	0.57	1.90				
25	10.00	12.00	10.00	9.60	10.00	8.10	0.47	2.50				
26	9.30	12.00	10.00	10.00	8.40	8.20	0.95	2.30				
27	12.00	12.00	10.00	9.30	7.10	13.00	2.90	2.10				
28	13.00	11.00	10.00	9.20	7.50	11.00	9.20					
29	12.00	11.00	10.00	9.00		9.50	9.20					
30	12.00	11.00	10.00	8.90		11.00	9.20					
31	12.00		9.90	8.90		10.00						
TOTAL	265.60	361.30	316.20	296.00	244.70	250.30	180.54	179.04				

WATER YEAR TOTAL: 2089.47 MEAN: 5.72

DISCHARGE, IN CFS, WATER YEAR 1981, MEAN VALUES, FOR

MIDDLE FORK STEWART GULCH NR RIO BLANCO 9306015 WY 1980 MEAN DAILY DISCHARGE

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JULY	AUG	SEPT
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
29	0.00	0.00	0.00	0.00		0.00	0.00					
30	0.00	0.00	0.00	0.00		0.00	0.00					
31	0.00		0.00	0.00		0.00						
TOTAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				

DISCHARGE, IN CFS, WATER YEAR 1981, MEAN VALUES, FOR

STEWART GULCH ABOVE WEST FORK NR RIO BLANCO 9306022 WY 1981 MEAN DAILY DISCHARGE

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JULY	AUG	SEPT
1	2.40	1.70	1.90	2.40	2.30	1.60	1.20	1.90				
2	2.60	1.70	1.90	2.50	2.10	1.60	1.20	2.00				
3	2.60	1.90	2.10	2.50	2.00	1.30	1.20	2.20				
4	2.50	1.80	2.00	2.30	2.00	0.71	1.20	2.00				
5	2.60	1.90	2.10	2.40	2.00	0.67	1.20	2.00				
6	2.30	2.00	2.00	2.10	1.90	0.42	1.30	2.10				
7	2.20	2.00	2.00	2.50	1.80	0.41	1.60	2.00				
8	2.10	1.80	2.30	2.40	1.80	0.41	1.90	2.00				
9	2.00	1.80	2.30	2.30	1.80	0.46	1.90	2.10				
10	2.00	2.00	2.10	2.30	1.70	0.45	1.90	1.90				
11	2.10	2.00	1.90	2.20	1.60	0.40	2.00	1.90				
12	2.20	1.90	1.90	2.20	1.60	0.40	2.10	1.80				
13	2.20	2.00	1.80	2.10	1.60	0.42	2.10	1.80				
14	2.30	2.00	1.90	2.10	1.50	0.42	2.10	1.70				
15	2.30	2.00	1.80	2.10	1.50	0.45	2.10	1.60				
16	2.40	2.00	2.00	2.10	1.60	0.48	2.10	1.70				
17	2.40	1.90	2.50	2.10	1.50	0.53	2.10	1.70				
18	2.40	1.90	2.50	2.10	1.60	0.52	2.10	1.60				
19	2.20	2.00	2.30	2.00	1.70	0.51	2.10	1.50				
20	2.20	2.00	2.40	2.10	1.60	0.47	2.20	1.50				
21	2.20	1.90	2.50	1.50	1.60	0.48	2.20	1.50				
22	2.20	2.10	2.50	1.50	1.70	0.50	2.20	1.50				
23	2.10	2.10	2.60	2.00	1.70	0.49	2.20	1.50				
24	2.10	2.10	2.70	2.30	1.80	0.51	2.10	1.50				
25	2.00	1.90	2.80	2.30	1.80	0.52	2.10	1.50				
26	2.10	2.10	2.70	1.80	1.60	0.72	2.10	1.50				
27	2.10	1.90	2.80	1.50	1.70	0.80	2.10					
28	2.00	2.10	2.70	1.70	1.60	0.90	2.10					
29	1.90	1.90	2.50	1.80		0.90	2.10					
30	1.80	1.90	2.40	2.00		1.00	2.00					
31	1.70		2.50	2.30		1.10						
TOTAL	68.20	58.30	70.40	65.50	48.50	20.56	56.80	46.00				

WATER YEAR TOTAL: 434.26 MEAN: 1.19

DISCHARGE, IN CFS, WATER YEAR 1981 MEAN VALUES, FOR

WEST FORK STEWART GULCH NR RIO BLANCO 9306025 WY 1981 MEAN DAILY DISCHARGE

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JULY	AUG	SEPT
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
29	0.00	0.00	0.00	0.00		0.00	0.00					
30	0.00	0.00	0.00	0.00		0.00	0.00					
31	0.00		0.00	0.00		0.00						
TOTAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				

DISCHARGE, IN CFS, WATER YEAR 1981, MEAN VALUES, FOR

WEST FORK STEWART GULCH AT MOUTH NR RIO BLANCO 9306028 WY 1981 MEAN DAILY DISCHARGE

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JULY	AUG	SEPT
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
29	0.00	0.00	0.00	0.00		0.00	0.00					
30	0.00	0.00	0.00	0.00		0.00	0.00					
31	0.00		0.00	0.00		0.00						
TOTAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				

DISCHARGE, IN CFS, WATER YEAR 1981, MEAN VALUES, FOR

SORGHUM GULCH NR RIO BLANCO 9306033 WY 1981 MEAN DAILY DISCHARGE

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JULY	AUG	SEPT
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
29	0.00	0.00	0.00	0.00		0.00	0.00					
30	0.00	0.00	0.00	0.00		0.00	0.00					
31	0.00		0.00	0.00		0.00						
TOTAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				

DISCHARGE, IN CFS, WATER YEAR 1981, MEAN VALUES, FOR

SORGHUM GULCH AT MOUTH NR RIO BLANCO 9306036 WY 1981 MEAN DAILY DISCHARGE

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JULY	AUG	SEPT
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
14	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
15	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
29	0.00	0.00	0.00	0.00		0.00	0.00	0.00				
30	0.00	0.00	0.00	0.00		0.00	0.00	0.00				
31	0.00		0.00	0.00		0.00		0.00				
TOTAL	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00				

DISCHARGE, IN CFS, WATER YEAR 1981, MEAN VALUES, FOR

COTTONWOOD GULCH NR RANGELY 9306039 WY 1981 MEAN DAILY DISCHARGE

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JULY	AUG	SEPT
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
15	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
29	0.00	0.00	0.00	0.00		0.00	0.00	0.00				
30	0.00	0.00	0.00	0.00		0.00	0.00	0.00				
31	0.00		0.00	0.00		0.00		0.00				
TOTAL	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00				

DISCHARGE, IN CFS, WATER YEAR 1981, MEAN VALUES, FOR

PICEANCE CREEK TRIB. NR RIO BLANCO 9306042 WY 1981 MEAN DAILY DISCHARGE

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JULY	AUG	SEPT
1	1.70	2.40	2.60	2.20	2.60	2.00	1.40	1.80				
2	1.70	2.40	2.50	2.20	2.60	1.80	1.50	2.40				
3	1.70	2.40	2.30	2.10	2.80	2.10	1.50	2.00				
4	1.70	2.40	2.10	2.10	2.60	1.50	1.50	2.00				
5	1.80	2.40	2.30	2.20	2.30	1.50	1.60	2.00				
6	1.90	2.40	2.40	2.50	2.00	1.70	1.80	2.00				
7	2.10	2.40	2.20	2.80	1.50	1.40	1.60	2.00				
8	1.30	2.40	2.70	2.60	2.20	1.50	1.50	2.40				
9	1.50	2.40	2.50	2.30	2.60	1.50	1.40	2.10				
10	1.70	2.20	2.60	2.40	2.30	1.40	1.40	2.10				
11	1.90	2.20	2.00	2.50	2.10	1.60	1.40	2.30				
12	2.00	2.00	2.00	2.60	2.50	1.50	1.40	2.40				
13	1.70	3.40	2.10	2.60	2.60	1.60	1.20	2.40				
14	2.10	2.90	2.10	2.60	2.70	1.60	1.40	2.20				
15	1.20	2.80	2.10	2.60	2.70	1.60	1.30	2.20				
16	0.78	2.70	2.10	2.60	2.80	1.50	1.30	2.20				
17	0.44	2.60	2.40	2.60	2.80	1.80	1.20	2.10				
18	0.22	2.60	2.20	2.70	1.80	1.60	1.30	2.10				
19	0.15	2.60	2.60	2.70	1.80	1.50	1.40	1.90				
20	0.14	2.90	2.80	2.70	2.20	1.50	1.50	1.90				
21	1.20	2.90	2.60	2.70	2.80	1.50	1.50	2.00				
22	1.30	2.80	2.70	2.70	2.80	1.50	1.80	1.60				
23	2.20	3.00	2.50	2.80	2.80	1.30	1.80	2.00				
24	1.80	2.80	3.10	2.60	2.30	1.30	1.70	2.10				
25	1.90	2.80	3.10	2.50	1.50	1.50	2.10	1.60				
26	2.20	2.80	3.20	2.50	1.60	1.40	2.10	1.80				
27	2.80	2.80	3.30	2.50	1.80	1.60	2.10	1.50				
28	2.40	2.70	3.20	2.60	1.90	1.60	2.10	1.80				
29	2.40	2.60	2.80	2.70		1.70	2.10	1.50				
30	2.40	2.50	2.20	2.50		1.60	1.70	1.40				
31	2.40		2.40	2.30		1.70		1.30				
TOTAL	50.73	78.20	77.70	78.00	57.50	48.80	47.60	61.10				

WATER YEAR TOTAL: 499.63 MEAN: 1.37

DISCHARGE, IN CFS, WATER YEAR 1981, MEAN VALUES, FOR

PICEANCE CREEK BELOW GARDENHIRE GULCH NR RIO BLANCO 9306045 WY 1981

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JULY	AUG	SEPT
1	8.00	15.00	14.00	15.00	14.00	11.00	15.00	8.00				
2	8.00	15.00	14.00	15.00	14.00	9.90	15.00	8.30				
3	8.50	16.00	14.00	15.00	14.00	9.90	22.00	11.00				
4	8.50	16.00	14.00	15.00	13.00	9.10	18.00	11.00				
5	8.50	18.00	14.00	15.00	13.00	8.60	16.00	9.90				
6	9.00	18.00	14.00	15.00	12.00	11.00	17.00	12.00				
7	6.00	19.00	14.00	15.00	13.00	12.00	27.00	5.80				
8	5.50	19.00	14.00	15.00	13.00	12.00	21.00	5.40				
9	5.50	18.00	14.00	15.00	12.00	11.00	14.00	7.70				
10	6.00	19.00	14.00	15.00	12.00	13.00	11.00	10.00				
11	7.50	20.00	15.00	15.00	12.00	13.00	11.00	10.00				
12	9.00	24.00	15.00	20.00	14.00	12.00	8.30	8.80				
13	9.00	26.00	15.00	20.00	13.00	12.00	6.80	9.30				
14	8.50	24.00	15.00	17.00	12.00	12.00	5.10	8.80				
15	11.00	22.00	15.00	14.00	13.00	12.00	4.20	8.50				
16	9.50	20.00	16.00	14.00	13.00	12.00	2.80	8.90				
17	9.50	20.00	17.00	14.00	13.00	14.00	2.40	11.00				
18	9.50	20.00	17.00	13.00	12.00	13.00	2.50	10.00				
19	10.00	18.00	17.00	14.00	12.00	12.00	2.90	7.10				
20	10.00	17.00	17.00	14.00	15.00	12.00	3.00	5.90				
21	10.00	17.00	18.00	14.00	14.00	13.00	3.80	4.60				
22	11.00	17.00	17.00	14.00	13.00	13.00	4.30	3.70				
23	9.50	16.00	17.00	14.00	13.00	12.00	4.20	4.80				
24	9.50	16.00	17.00	13.00	11.00	13.00	3.80	4.80				
25	11.00	15.00	16.00	13.00	14.00	13.00	4.20	5.30				
26	10.00	15.00	16.00	13.00	13.00	12.00	4.30	4.70				
27	14.00	15.00	16.00	13.00	11.00	19.00	5.20	4.00				
28	15.00	15.00	16.00	13.00	12.00	16.00	8.60	4.40				
29	15.00	15.00	16.00	13.00		15.00	8.50	3.90				
30	15.00	14.00	15.00	14.00		17.00	8.20	3.60				
31	15.00		15.00	14.00		15.00		4.30				
TOTAL	302.00	539.00	478.00	453.00	246.00	389.50	280.10	225.50				

WATER YEAR TOTAL: 3029.10 MEAN: 8.30

DISCHARGE, IN CFS, WATER YEAR 1981, MEAN VALUES, FOR

SCANDARD GULCH NR RIO BLANCO 9306050 WY 1981 MEAN DAILY DISCHARGE

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JULY	AUG	SEPT
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
29	0.00	0.00	0.00	0.00		0.00	0.00					
30	0.00	0.00	0.00	0.00		0.00	0.00					
31	0.00		0.00	0.00		0.00						
TOTAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				

DISCHARGE, IN CFS, WATER YEAR 1981 MEAN VALUES, FOR

SCANDARD GULCH AT MOUTH NR RIO BLANCO 9306052 WY 1981 MEAN DAILY DISCHARGE

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JULY	AUG	SEPT
1	0.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00				
2	0.00	0.98	0.00	0.00	0.00	0.00	0.00	0.00				
3	0.00	0.24	0.00	0.00	0.00	0.00	0.00	0.00				
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
29	0.00	0.00	0.00	0.00		0.00	0.00					
30	0.00	0.00	0.00	0.00		0.00	0.00					
31	0.00		0.00	0.00		0.00						
TOTAL	0.00	1.84	0.00	0.00	0.00	0.00	0.00	0.00				

DISCHARGE, IN CFS, WATER YEAR 1981, MEAN VALUES, FOR

WILLOW CREEK NR RIO BLANCO 9306058 WY 1981 MEAN DAILY DISCHARGE

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JULY	AUG	SEPT
1	4.30	4.40	4.20	3.90	3.00	1.70	3.00	0.25				
2	4.30	4.30	4.20	3.90	3.00	1.60	2.90	0.27				
3	4.30	4.30	4.20	4.00	3.00	1.90	3.00	0.48				
4	4.20	4.30	4.20	4.10	3.00	2.10	2.90	0.46				
5	4.20	4.70	4.10	4.10	2.90	1.90	3.20	0.72				
6	4.20	5.00	4.10	3.80	2.90	1.80	3.10	1.80				
7	4.30	4.80	4.40	3.70	2.90	2.20	3.20	1.60				
8	4.30	4.70	4.40	3.50	2.80	1.90	3.00	1.60				
9	4.30	5.10	4.50	3.20	2.60	2.00	2.90	1.80				
10	4.30	5.00	4.40	3.00	2.50	2.20	2.80	1.80				
11	4.30	4.90	4.40	3.10	2.60	2.00	3.00	3.20				
12	4.30	4.90	4.40	3.20	2.90	2.10	3.20	3.00				
13	4.40	4.90	4.00	3.20	2.60	2.10	3.20	1.50				
14	4.50	4.90	4.00	2.90	2.60	1.90	3.00	0.34				
15	4.60	4.80	4.00	2.90	2.80	2.00	2.80	0.25				
16	4.50	4.60	4.00	2.70	3.00	2.10	3.20	0.25				
17	4.40	4.40	4.20	2.70	2.90	2.00	1.30	0.25				
18	4.30	4.20	4.40	2.80	2.20	1.90	0.27	0.22				
19	4.30	4.20	4.40	3.00	2.00	1.90	0.35	0.20				
20	4.30	4.20	4.40	2.90	2.20	2.00	0.39	0.21				
21	4.20	4.20	4.30	3.00	2.20	2.20	0.31	0.21				
22	4.20	4.20	4.30	3.10	2.10	2.10	0.25	0.19				
23	4.20	4.20	4.30	3.00	2.10	2.20	0.22	0.18				
24	4.20	4.20	4.20	3.00	2.00	2.50	0.27	0.18				
25	4.10	4.20	4.30	3.10	1.90	2.70	0.62	0.25				
26	4.10	4.20	4.20	3.30	2.00	2.60	0.29	0.21				
27	4.30	4.20	4.20	3.00	2.00	2.70	0.21	0.20				
28	4.40	4.20	4.20	3.10	2.10	2.80	0.28					
29	4.50	4.20	4.10	3.50		2.70	0.25					
30	4.60	4.20	3.90	3.20		3.10	0.23					
31	4.50		3.90	3.10		3.30						
TOTAL	133.90	134.60	130.80	101.00	70.80	68.20	53.63	21.61				

WATER YEAR TOTAL: 704.74 MEAN: 1.93

DISCHARGE, IN CFS, WATER YEAR 1981, MEAN VALUES, FOR

PICEANCE CREEK ABOVE HUNTER CREEK NR RIO BLANCO 9306061 WY 1981 MEAN DAILY DISCHARGE

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JULY	AUG	SEPT
1	7.90	21.00	23.00	21.00	17.00	14.00	19.00	8.70				
2	7.00	22.00	23.00	21.00	17.00	12.00	19.00	9.60				
3	5.90	21.00	24.00	20.00	18.00	13.00	22.00	14.00				
4	5.90	21.00	24.00	20.00	18.00	12.00	20.00	12.00				
5	5.70	21.00	25.00	21.00	18.00	11.00	19.00	6.70				
6	6.70	22.00	24.00	20.00	18.00	13.00	19.00	9.10				
7	6.50	23.00	24.00	20.00	18.00	15.00	25.00	5.10				
8	6.10	23.00	23.00	20.00	18.00	15.00	25.00	5.10				
9	6.20	21.00	23.00	20.00	18.00	15.00	21.00	7.10				
10	6.40	24.00	23.00	19.00	18.00	16.00	19.00	11.00				
11	8.20	27.00	22.00	20.00	18.00	16.00	21.00	12.00				
12	9.00	32.00	22.00	20.00	18.00	15.00	19.00	12.00				
13	11.00	34.00	22.00	20.00	18.00	16.00	19.00	11.00				
14	10.00	32.00	21.00	20.00	17.00	16.00	17.00	8.20				
15	11.00	30.00	21.00	20.00	18.00	16.00	18.00	8.70				
16	9.40	28.00	20.00	20.00	18.00	16.00	16.00	8.70				
17	10.00	28.00	21.00	20.00	18.00	17.00	14.00	10.00				
18	10.00	27.00	21.00	21.00	17.00	17.00	8.00	9.60				
19	11.00	26.00	20.00	21.00	17.00	16.00	6.00	6.70				
20	11.00	26.00	21.00	21.00	19.00	16.00	4.00	5.70				
21	11.00	26.00	21.00	20.00	19.00	16.00	1.60	4.30				
22	11.00	25.00	21.00	21.00	18.00	16.00	1.40	2.50				
23	10.00	26.00	21.00	20.00	18.00	16.00	1.30	3.50				
24	10.00	25.00	22.00	20.00	16.00	18.00	0.88	3.70				
25	11.00	25.00	22.00	19.00	17.00	16.00	0.79	4.00				
26	10.00	25.00	21.00	19.00	16.00	17.00	0.52	4.00				
27	15.00	25.00	21.00	18.00	15.00	21.00	1.50	3.50				
28	21.00	24.00	21.00	17.00	15.00	21.00	9.50					
29	21.00	24.00	21.00	17.00		19.00	9.10					
30	21.00	23.00	21.00	17.00		21.00	8.40					
31	21.00		21.00	17.00		21.00						
TOTAL	326.90	757.00	680.00	610.00	490.00	499.00	384.99	206.50				

WATER YEAR TOTAL: 3950.38 MEAN: 10.82

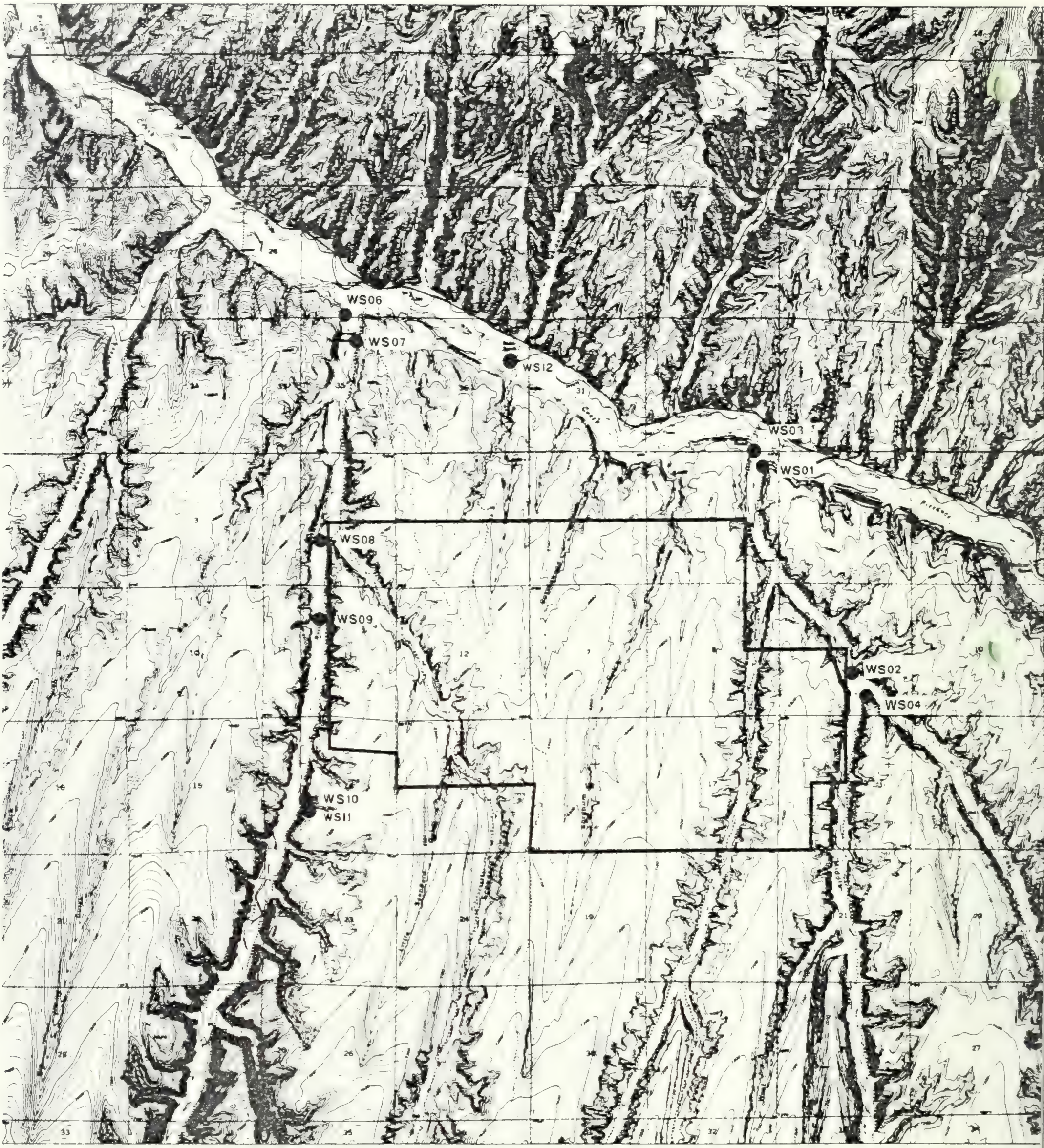
2.2.1.2 Springs and Seeps

This section contains flow and field measurement data for springs and seeps monitored under the Development Monitoring Plan (DMP) and the Water Augmentation Plan (WAP).

Ten springs and one seep monitored in the vicinity of Tract C-b are shown on Figure 2.2.1.2-1. Data consisting of flow, temperature, pH dissolved oxygen, and specific conductance for these monitoring stations are presented in Table 2.2.1.2-1.

Sixteen additional springs monitored around the outer boundaries of Tract C-b are shown on Figure 2.2-1 (jacket map). Flow data for these stations are presented in Table 2.2.1.2-2.

Monitoring stations in this section are referenced by a four digit computer station code. For additional information on these codes refer to Section 4.0 (Data Automation).



SPRINGS AND SEEPS AROUND
Cb TRACT

Figure 2.2.1.2-1

Table 2.2.1.2-1

CB-TRACT
WATER FLOW AND FIELD MEASUREMENTS
SPRINGS AND SEEPS
FOR SAMPLE DATE SHOWN

SPRING	YR	MO	DY	STATUS	FLOW (CFS)	WATER TEMP (C)	PH	DISS OXYGEN (MG/L)	SPEC COND (UMHOS)
WS01	80	11	4		2.02	11.1	7.8	9.2	1090.0
			12		1.98				
			19		2.52				
			24		2.70				
		12	5		2.98	10.0	8.5	8.2	1140.0
			9		2.79				
			17		2.79				
			23		2.98				
	81	1	8		2.88				
					2.88	6.5	7.5	11.0	1150.0
			15		2.66				
			23		2.57				
			28		2.39				
		2	5		2.27	7.8	8.0	9.9	1109.0
			11		2.22				
			18		2.18				
			25		2.27				
		3	6		1.98	3.9	8.2	4.7	1207.0
			14		2.06				
			18		2.27				
			25		2.35				
		4	1		2.31				
			9		2.22				
			14		1.94				
			22		1.82				
			29	DIVERT					
		5	6	DIVERT		7.5	7.7	3.8	1110.0
			13	DIVERT					
			27	DIVERT					
		6	4	DIVERT					
			11	DIVERT					
WS02	80	11	4		.08	10.7	8.1	7.6	970.0
			12		.08	.0			
			19		.08	.0			
			24		.08	.0			
		12	5		.08	9.6	7.9	7.5	1000.0
			9		.08	.0			

DRY = SPRING DRY
NOFLME = NO FLUME
- = LESS THAN
DIVERT = FLOW DIVERTED FOR IRRIGATION

Table 2.2.1.2-1 (cont.)

CB-TRACT
WATER FLOW AND FIELD MEASUREMENTS
SPRINGS AND SEEPS
FOR SAMPLE DATE SHOWN

SPRING	YR	MO	DY	STATUS	FLOW (CFS)	WATER TEMP (C)	PH	DISS OXYGEN (MG/L)	SPEC COND (UMHOS)
WS02	80	12	17		.08				
			23		.08				
	81	1	8		.08				
					.08	6.3	7.6	10.3	1100.0
			14		.07				
			23		.07				
			28		.06				
		2	5		.06	8.3	8.2	9.7	1012.0
			11		.06				
			18		.06				
			25		.06				
		3	6		.05	5.7	8.2	8.9	1118.0
			14		.05				
			18		.05				
			25		.06				
		4	1		.06				
			9		.06				
			14		.12				
			22		.22				
			29		.08				
		5	6		.06	11.3	8.1	4.7	1210.0
			13		.07				
			29		.04				
		6	4		.04	14.0	8.6	6.8	1120.0
			11		.05				
WS03	80	11	4		1.30	11.2	7.6	6.5	1130.0
			12		1.24				
			19		.66				
			24		-.66				
		12	5		.66	10.0	8.4	6.4	1180.0
			9		.66				
			17	DIVERT					
			23	DIVERT					
	81	1	8			7.5	7.3	9.5	1284.0
			15	DIVERT					
			23		-.66				
			28		-.66				

DRY = SPRING DRY
NOFLME = NO FLUME
- = LESS THAN
DIVERT = FLOW DIVERTED FOR IRRIGATION

Table 2.2.1.2-1 (cont.)

CB-TRACT
WATER FLOW AND FIELD MEASUREMENTS
SPRINGS AND SEEPS
FOR SAMPLE DATE SHOWN

SPRING	YR	MO	DY	STATUS	FLOW (CFS)	WATER TEMP (C)	PH	DISS OXYGEN (MG/L)	SPEC COND (UMHOS)
WS03	81	2	5		-.66	8.2	7.9	9.6	1176.0
			11		-.66				
			18		-.66				
			25		-.66				
		3	6		-.66	5.9	7.9	6.5	1354.0
			14	INACSS					
			18		-.66				
			25		-.66				
		4	1		-.66				
			9		-.66				
			14		-.66				
			22		-.66				
			29	DIVERT					
		5	6	DIVERT					
			13	DIVERT					
			29	DIVERT					
		6	4	DIVERT					
			11	DIVERT					
WS04	80	11	4		.54	11.1	8.3	6.8	1020.0
			12		.52				
			19		.52				
			24		.52				
		12	5		.52	10.0	7.9	7.5	980.0
			9		.52				
			17		.50				
			23		.52				
	81	1	8		.50				
					.50	6.0	7.5	11.4	1110.0
			14		.50				
			23		.48				
			28		.48				
		2	5		.48	8.3	8.1	9.7	1047.0
			11		.48				
			18		.48				
			25		.47				
		3	6		.45	4.8	8.0	8.4	1119.0
			14		.45				

DRY = SPRING DRY
NOFLME = NO FLUME
- = LESS THAN
DIVERT = FLOW DIVERTED FOR IRRIGATION

Table 2.2.1.2-1 (cont.)

CB-TRACT
WATER FLOW AND FIELD MEASUREMENTS
SPRINGS AND SEEPS
FOR SAMPLE DATE SHOWN

SPRING	YR	MO	DY	STATUS	FLOW (CFS)	WATER TEMP (C)	PH	DISS OXYGEN (MG/L)	SPEC COND (UMHOS)
WS04	81	3	18		.47				
			25		.48				
		4	1		.45				
			9		.43				
			14		.41				
			22		.39				
			29		.43				
		5	6		.43	11.9	8.0	5.0	1260.0
			13		.41				
			29		.45				
		6	4		.39	15.0	8.4	6.5	1170.0
			11		.37				
WS06	80	11	5		.51	11.5	7.5	5.8	1170.0
			13		.55				
			19		.84				
			26		.51				
		12	4		.48	10.8	7.9	6.1	1250.0
			12		.48				
			19		.46				
			23		.48				
	81	1	8		.51				
					.51	8.0	7.3	9.6	1290.0
			16		.46				
			23		.46				
			28		.43				
		2	5		.43	9.1	7.6	9.3	1220.0
			10		.46				
			20		.40				
			25		.37				
		3	6		.40	8.4	7.7	7.9	1186.0
			15		.37				
			18		.37				
			25		.40				
		4	1		.43				
			10		.40				
			14		.43				
			22		.40				

DRY = SPRING DRY
NOFLME = NO FLUME
- = LESS THAN
DIVERT = FLOW DIVERTED FOR IRRIGATION

Table 2.2.1.2-1 (cont.)

CB-TRACT
WATER FLOW AND FIELD MEASUREMENTS
SPRINGS AND SEEPS
FOR SAMPLE DATE SHOWN

SPRING	YR	MO	DY	STATUS	FLOW (CFS)	WATER TEMP (C)	PH	DISS OXYGEN (MG/L)	SPEC COND (UMHOS)
WS06	81	4	29		.51				
		5	6		.46	11.1	7.7	5.6	1418.0
			12		.46				
			27		.46				
		6	4		.48	12.7	7.7	6.4	1490.0
			11		.46				
WS07	80	11	5	NOFLME					
			13	NOFLME					
			19	NOFLME					
			26	NOFLME					
		12	4		.28	10.2	7.8	6.2	1180.0
			12		.31				
			19		.29				
			23		.29				
	81	1	8		.26				
					.26	8.0	7.0	9.2	1300.0
			16		.25				
			23		.24				
			28		.22				
		2	5		.24	7.9	7.6	8.7	1142.0
			10		.24				
			20	INACSS					
			25		.23				
		3	6	INACSS					
		4	10	DIVERT					
			14	DIVERT					
			22	DIVERT					
		5	6	DIVERT		9.2	7.7	6.2	1310.0
		6	4		.32	10.3	7.6	6.4	1380.0
			11		.25				
WS08	80	11	4		.11	10.7	7.6	5.5	1140.0
			13		.10				
			19		-.05				
			26		-.01				
		12	4	DRY					
			11	DRY					

DRY = SPRING DRY
NOFLME = NO FLUME
- = LESS THAN
DIVERT = FLOW DIVERTED FOR IRRIGATION

Table 2.2.1.2-1 (cont.)

CB-TRACT
WATER FLOW AND FIELD MEASUREMENTS
SPRINGS AND SEEPS
FOR SAMPLE DATE SHOWN

SPRING	YR	MO	DY	STATUS	FLOW (CFS)	WATER TEMP (C)	PH	DISS OXYGEN (MG/L)	SPEC COND (UMHOS)
WS08	80	12	19	DRY					
			23	DRY					
	81	1	8	DRY					
			16	DRY					
			23	DRY					
			28	DRY					
		2	5	DRY					
			10	DRY					
			18	DRY					
			25	DRY					
		3	6	DRY					
			25		.05				
		4	1		.11				
			10		.15				
			16		.25				
			22		.36				
			29		.11				
		5	6		-.05	9.4	7.8	5.7	1225.0
			12		-.05				
			27		-.05				
		6	4		.09	9.9	7.6	5.6	1250.0
			11		.15				
WS09	80	11	4		.20	10.1	7.6	6.3	1120.0
			13		.20				
			19		.20				
			26		.20				
		12	4		.19	9.5	7,9	6.9	1050.0
			11		.18				
			19		.19				
			23		.21				
	81	1	8		.20				
					.20	6.0	7.2	9.4	1240.0
			16		.20				
			23		.20				
			28		.20				
		2	5		.20	9.0	7.7	9.9	1043.0
			10		.20				

DRY = SPRING DRY
NOFLME = NO FLUME
- = LESS THAN
DIVERT = FLOW DIVERTED FOR IRRIGATION

Table 2.2.1.2-1 (cont.)

CB-TRACT
WATER FLOW AND FIELD MEASUREMENTS
SPRINGS AND SEEPS
FOR SAMPLE DATE SHOWN

SPRING	YR	MO	DY	STATUS	FLOW (CFS)	WATER TEMP (C)	PH	DISS OXYGEN (MG/L)	SPEC COND (UMHOS)
WS09	81	2	18		.20				
			25		.20				
		3	6		.20	7.5	8.5	4.0	955.0
			15		.20				
			18		.21				
			25		.20				
		4	1		.20				
			10		.20				
			16		.20				
			22		.20				
			29		.20				
		5	6		.20	8.8	7.6	6.5	1170.0
			12		.17				
			27		.19				
		6	4		.20	9.2	7.5	6.1	1220.0
			11		.17				
WS10	80	11	4		.50	12.5	8.0	11.4	1100.0
			13		.50				
			19		.48				
			26		.48				
		12	4		.48	8.2	8.1	8.7	960.0
			11		.48				
			19		.48				
			23		.50				
	81	1	8		.48				
					.48	6.0	7.6	8.9	1180.0
			16		.48				
			23		.47				
			28		.45				
		2	5		.45	9.5	8.2	9.9	940.0
			10		.45				
			18		.45				
			25		.45				
		3	6		.45	5.8	7.5	9.0	852.0
			15		.45				
			18		.45				
			25		.45				

DRY = SPRING DRY
NOFLME = NO FLUME
- = LESS THAN
DIVERT = FLOW DIVERTED FOR IRRIGATION

Table 2.2.1.2-1 (cont.)

CB-TRACT
WATER FLOW AND FIELD MEASUREMENTS
SPRINGS AND SEEPS
FOR SAMPLE DATE SHOWN

SPRING	YR	MO	DY	STATUS	FLOW (CFS)	WATER TEMP (C)	PH	DISS OXYGEN (MG/L)	SPEC COND (UMHOS)
WS10	81	4	1		.45				
			10		.48				
			16		.45				
			22		.45				
			29		.47				
		5	6		.52	7.5	7.6	3.8	1110.0
			12		.41				
			27		.41				
		6	4		.41	9.0	7.7	7.1	1190.0
			11		.89				
WS11	80	11	4		.52	10.1	7.7	5.8	1050.0
			13		.51				
			19		.64				
			26		.50				
		12	4		.50	9.8	8.2	5.8	1010.0
			11		.45				
			19		.52				
			23		.45				
	81	1	8		.47				
					.47	6.0	7.6	9.8	1160.0
			16		.46				
			23		.45				
			28		.45				
		2	5		.45	8.7	8.2	10.0	928.0
			10		.45				
			18		.45				
			25		.45				
		3	6		.45	7.4	7.6	4.0	930.0
			15		.45				
			18		.45				
			25		.45				
		4	1		.45				
			10		.45				
			16		.44				
			22		.45				
			29		.45				
		5	6		.47	8.1	7.6	8.2	1090.0

DRY = SPRING DRY
NOFLME = NO FLUME
- = LESS THAN
DIVERT = FLOW DIVERTED FOR IRRIGATION

Table 2.2.1.2-1 (cont.)

CB-TRACT
WATER FLOW AND FIELD MEASUREMENTS
SPRINGS AND SEEPS
FOR SAMPLE DATE SHOWN

SPRING	YR	MO	DY	STATUS	FLOW (CFS)	WATER TEMP (C)	PH	DISS OXYGEN (MG/L)	SPEC COND (UMHOS)
WS11	81	5	12		.45				
			27		.46				
		6	4		.44	8.6	7.6	5.1	1160.0
			11		.20				
WS12	80	11	4		.32	11.2	7.8	7.1	1210.0
			13		.29				
			19		.29				
			24		.29				
		12	5		-.35	9.9	7.9	5.7	1240.0
			9		-.35				
			17		.26				
			23		.29				
	81	1	8		.29				
					.29	8.0	7.3	9.4	1340.0
			12		.26				
			23		.26				
			28		.23				
		2	5		.23	9.3	7.8	9.5	1387.0
			11		.23				
			18		.23				
			25		.23				
		3	6		.26	7.2	7.8	3.9	1340.0
			13		.26				
			25		.26				
		4	1		.23				
			9		.23				
			16		.26				
			22		.23				
			29		.23				
		5	6		.26	13.6	7.9	7.0	1450.0
			12		.20				
			27		.23				
		6	4	NOFLME		12.2	7.9	7.7	1557.0
			11		.31				

DRY = SPRING DRY
NOFLME = NO FLUME
- = LESS THAN
DIVERT = FLOW DIVERTED FOR IRRIGATION

Table 2.2.1.2-2

CH-TRACT
WATER FLOW REQUIRED BY WAP
SPRINGS AND SEEPS
FOR SAMPLE DATE SHOWN

```
                                         FLOW
SPRING   YR   MO   DY   STATUS          (CFS)
------   --   --   --   ------          -----
WS21     80   11    4                     .50
                   13                     .50
                   18                     .48
                   25                     .48
              12    3                     .34
                    8                     .34
                   17                     .39
         81    1    6                     .38
                   13                     .38
                   20                     .38
                   27                     .38
               2    3                     .38
                   10                     .39
                   18                     .39
                   24                     .39
               3    3                     .38
                   10                     .39
                   18                     .39
                   24                     .39
                   31                     .34
               4    8                     .39
                                          .47
                   14                     .39
                                          .47
                   22                     .39
                                          .50
                   29                     .39
                                          .51
               5    6                     .39
                                          .57
                   12                     .38
                                          .56
                   19                     .38
                                          .55
                   27                     .39
                                          .52

WS22     80   11    4                     .58
                   13                     .57
                   18                     .57


          DRY    = SPRING DRY
          NOFLME = NO FLUME
          -      = LESS THAN
```

Table 2.2.1.2-2 (cont.)

CB-TRACT
WATER FLOW REQUIRED BY WAP
SPRINGS AND SEEPS
FOR SAMPLE DATE SHOWN

SPRING	YR	MO	DY	STATUS	FLOW (CFS)
WS22	80	11	25		.57
		12	3		.57
			8		.57
			17		.57
			23		.57
	81	1	6		.56
			13		.55
			20		.53
			27		.53
		2	3		.52
			10		.50
			18		.50
			24		.52
		3	3		.56
			10		.57
			18		.50
			24		.47
			31		.47
WS23	80	11	5		2.93
			14		2.75
			20		2.57
			26		2.22
		12	4		2.22
			10		2.00
			18		2.03
			23		1.93
	81	1	8		1.93
			14		1.97
			21		2.12
			27		2.02
		2	3		2.02
			11		2.02
			19		2.02
			25		2.02
		3	3		2.02
			11		1.92
			19		2.02
			25		2.02
		4	1		2.02

DRY = SPRING DRY
NOFLME = NO FLUME
- = LESS THAN

Table 2.2.1.2-2 (cont.)

CB-TRACT
WATER FLOW REQUIRED BY WAP
SPRINGS AND SEEPS
FOR SAMPLE DATE SHOWN

SPRING	YR	MO	DY	STATUS	FLOW (CFS)
WS23	81	4	10		1.92
			16		1.73
			29		1.64
		5	7		1.63
			13		1.53
			27		1.04
WS24	80	11	5		1.28
			13		1.26
			19		1.26
			25		1.23
		12	3		1.17
			9		1.23
			17		1.20
			23		1.15
	81	1	6		1.17
			13		1.17
			20		1.15
			27		1.12
		2	3		1.12
			10		1.12
			18		1.12
			24		1.12
		3	3		1.15
			10		1.07
			18		1.04
			24		1.04
			31		1.10
		4	8		1.12
			14		1.02
			22		.99
			29		.97
		5	6		.99
			12		.99
			19		1.07
			27		1.07
WS25	80	11	4		.09
			11		.06
			18		.05

DRY = SPRING DRY
NOFLME = NO FLUME
- = LESS THAN

Table 2.2.1.2-2 (cont.)

CH-TRACT
WATER FLOW REQUIRED BY WAP
SPRINGS AND SEEPS
FOR SAMPLE DATE SHOWN

SPRING	YR	MO	DY	STATUS	FLOW (CFS)
WS25	80	11	25		.06
		12	2		.04
			16		.04
	81	1	9		.02
			20		.02
		2	24		.02
		4	27		.69
		5	8		.56
			14		.48
			21		.34
WS26	80	11	5		.27
			14		.29
			20		.29
			26		.29
		12	4		.26
			10		.27
			19		.27
			24		.27
	81	1	8		.28
			15		.28
			21		.27
			28		.28
		2	4		.27
			11		.27
			19		.28
			25		.30
		3	4		.30
			12		.31
			19		.30
			25		.31
		4	1		.28
			10		.29
			15		.29
			23		.32
		5	7		.29
			13		.29
			20		.37
			28		.37

DRY = SPRING DRY
NOFLME = NO FLUME
- = LESS THAN

Table 2.2.1.2-2 (cont.)

CB-TRACT
WATER FLOW REQUIRED BY WAP
SPRINGS AND SEEPS
FOR SAMPLE DATE SHOWN

SPRING	YR	MO	DY	STATUS	FLOW (CFS)
WS27	80	11	5		.19
			14		.18
			20		.18
			26		.17
		12	4		.16
			10		.16
			19		.16
			24		.15
	81	1	8		.16
			15		.16
			21		.16
			28		.15
		2	4		.15
			11		.15
			19		.15
			25		.16
		3	4		.17
			12		.17
			19		.17
			25		.16
		4	1		.15
			10		.16
			15		.16
			23		.16
		5	7		.15
			13		.15
			20		.15
			28		.15
WS28	80	11	5		1.50
			14		1.34
			20		1.34
			28		1.34
		12	4		1.31
			10		1.34
			19		1.31
			24		1.31
	81	1	8		1.26
			15		1.26
			22		1.26

DRY = SPRING DRY
NOFLME = NO FLUME
- = LESS THAN

Table 2.2.1.2-2 (cont.)

CB-TRACT
WATER FLOW REQUIRED BY WAP
SPRINGS AND SEEPS
FOR SAMPLE DATE SHOWN

SPRING	YR	MO	DY	STATUS	FLOW (CFS)
WS28	81	1	28		1.28
		2	4		1.28
			11		1.23
			19		1.23
			27		1.23
		3	4		1.26
			13		1.23
			20		1.28
			25		1.28
		4	2		1.20
			10		1.20
			15		1.23
			23		1.28
		5	7		1.26
			13		1.26
			20		1.26
			28		1.26
WS29	80	11	5		.08
			14		.07
			20		.07
			28		.08
		12	4		.07
			10		.09
			19		.08
	81	1	8		.08
			15		.08
			22	FROZE	.00
			28	FROZE	.00
		2	4	FROZE	.00
			11	FROZE	.00
			20		.02
			27		.02
		3	4		.05
			13		.06
			20		.04
		4	2		.06
			10		.07
			15		.08
			29		.05

DRY = SPRING DRY
NOFLME = NO FLUME
- = LESS THAN

Table 2.2.1.2-2 (cont.)

CB-TRACT
WATER FLOW REQUIRED BY WAP
SPRINGS AND SEEPS
FOR SAMPLE DATE SHOWN

SPRING	YR	MO	DY	STATUS	FLOW (CFS)
WS29	81	5	7		.05
			13		.05
			20		.06
			28		.05
WS30	80	11	6		3.41
			14		3.41
			19		3.41
			28		3.35
		12	4		3.24
			10		3.24
			19		3.18
			24		3.18
	81	1	8		3.07
			15		3.07
			22		3.07
			29		3.12
		2	4		3.12
			11		3.12
			19		3.12
			27		3.12
		3	4		3.18
			12		3.18
			18		3.29
			25		3.12
		4	2		3.02
			10		3.02
			29		4.00
		5	7		4.12
			13		4.00
			20		3.00
			27		3.00
WS31	80	11	5		2.33
			14		2.19
			20		2.33
		12	4		2.26
			10		2.33
			19		2.33
			24		2.26

DRY = SPRING DRY
NOFLME = NO FLUME
- = LESS THAN

Table 2.2.1.2-2 (cont.)

CB-TRACT
WATER FLOW REQUIRED BY WAP
SPRINGS AND SEEPS
FOR SAMPLE DATE SHOWN

SPRING	YR	MO	DY	STATUS	FLOW (CFS)
WS31	81	1	8		2.19
			15		2.19
			22		2.19
			25		2.13
		2	4		2.00
			11		1.94
			19		2.06
			27		2.06
		3	4		1.94
			13		1.82
			20		1.94
			25		1.88
		4	2		1.88
			10		1.82
			15		1.88
			24		1.82
		5	7		1.82
			13		1.82
			20		1.70
			28		1.64
WS32	80	11	5		.21
			14		.20
			20		.21
			26		.20
		12	4		.20
			10		.18
			19		.19
			24		.18
	81	1	8		.19
			15		.19
			21		.18
			28		.20
		2	4		.20
			11		.20
			19		.19
			25		.19
		3	4		.20
			12		.20
			19		.19

DRY = SPRING DRY
NOFLME = NO FLUME
- = LESS THAN

Table 2.2.1.2-2 (cont.)

CB-TRACT
WATER FLOW REQUIRED BY WAP
SPRINGS AND SEEPS
FOR SAMPLE DATE SHOWN

SPRING	YR	MO	DY	STATUS	FLOW (CFS)
WS32	81	3	25		.19
		4	1		.20
			10		.20
			15		.20
			23		.21
		5	7		.20
			13		.19
			20		.19
			28		.19
WS33	80	11	5		1.10
			14		.70
			20		.77
			28		.77
		12	4		.77
			10		.77
			19		.77
			24		.77
	81	1	8		.77
			15		.71
			22		.71
			28		.77
		2	4		.77
			11		.77
			19		.77
			27		.77
		3	4		.77
			13		.71
			20		.66
			25		.66
		4	2		.71
			10		.71
			15		.71
			24		.71
		5	7		.66
			13		.66
			20		.82
			28		.82
WS34	80	11	5		.51

DRY = SPRING DRY
NOFLME = NO FLUME
- = LESS THAN

Table 2.2.1.2-2 (cont.)

CB-TRACT
WATER FLOW REQUIRED BY WAP
SPRINGS AND SEEPS
FOR SAMPLE DATE SHOWN

SPRING	YR	MO	DY	STATUS	FLOW (CFS)
WS34	80	11	14		.51
			20		.50
			26		.50
		12	4		.49
			10		.46
			19		.46
			24		.46
	81	1	8		.46
			15		.46
			21		.45
			28		.45
		2	4		.45
			11		.45
			19		.45
			25		.45
		3	4		.45
			12		.44
			19		.44
			25		.43
		4	1		.45
			10		.45
			15		.45
			23		.45
		5	7		.45
			13		.45
			20		.45
			28		.45
WS35	80	11	4		.52
			11		.45
			18		.47
			25		.50
		12	2		.50
			16		.42
	81	1	9		.39
			20		.41
		2	24		.39
		4	27		1.04
		5	8		.99
			14		.97

DRY = SPRING DRY
NOFLME = NO FLUME
- = LESS THAN

Table 2.2.1.2-2 (cont.)

CB-TRACT
WATER FLOW REQUIRED BY WAP
SPRINGS AND SEEPS
FOR SAMPLE DATE SHOWN

SPRING	YR	MO	DY	STATUS	FLOW (CFS)
WS35	81	5	21		.92
WS36	80	11	4		2.33
			12		2.19
			19		2.33
			24		2.39
		12	5		2.33
			9		2.33
			17		2.33
			23		2.19
	81	1	8		2.26
					2.26
			15		2.13
			23		2.19
			28		2.07
		2	5		2.07
			11		2.07
			18		2.19
			25		2.00
		3	6		1.82
			14		1.82
			18		2.07
			25		1.94
		4	1		1.88
			9		1.88
			16		1.82
			22		1.88
			29		1.88
		5	6		1.88
			13		1.88
			27		1.94
		6	4		1.64
			11		1.70
WS66	81	2	10	DRY	.00

DRY = SPRING DRY
NOFLME = NO FLUME
- = LESS THAN

2.2.1.3 Alluvial Wells

Water level and field measurement data for alluvial wells on Tract C-b are presented in Table 2.2.1.3-1. Location of these wells are shown in Figure 2.2.1.3-1.

Plots of alluvial wells monitoring water levels are presented in this section; for reference see Table 2.2.1.3-2.

Stevens Recorder instrumentation for monitoring continuous water levels are operating at ten alluvial wells. Table 2.2.1.3-3 lists these wells with corresponding computer codes.

An attempt has been made to refer to all stations by their four-digit computer station codes. For additional information on these codes refer to Section 4.0.

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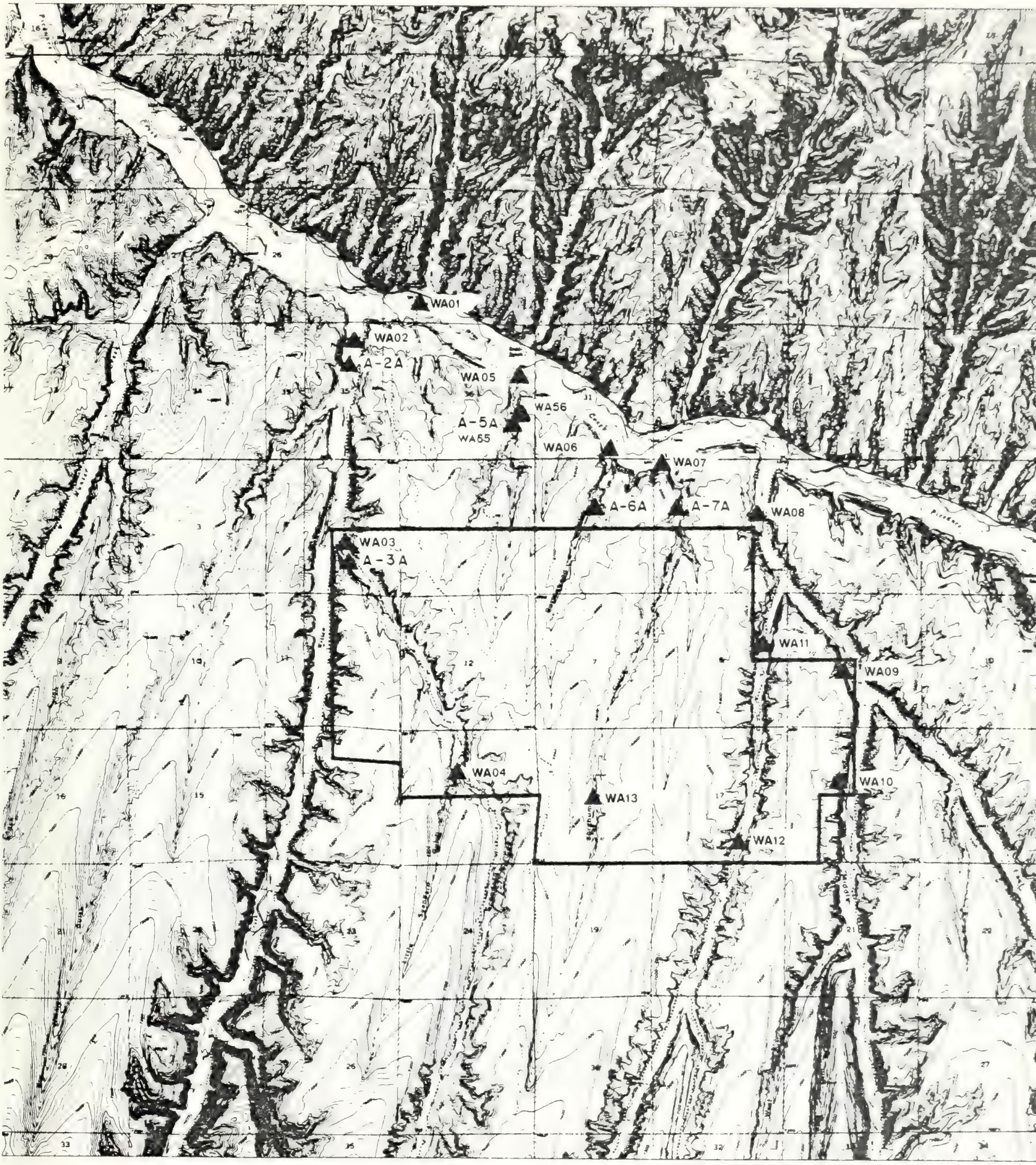


ALLUVIAL AQUIFER MONITORING NETWORK

Figure 2.2.1.3-1

Table 2.2.1.3-1

CB-TRACT
WATER LEVELS AND FIELD MEASUREMENTS
ALLUVIAL WELLS
FOR SAMPLE DATE SHOWN

WELL	YR	MO	DY	STATUS	DEPTH (FT)	WATER TEMP (C)	PH	DISS OXYGEN (MG/L)	SPEC COND (UMHOS)
WA01	80	11	24		6241.5	12.1	7.4	.4	1550.0
	81	1	12		6237.7	11.0	7.8	2.0	1840.0
		2	11		6237.5	11.0	7.6	1.8	1665.0
		3	13		6237.3	11.0	7.5	.3	1535.0
		4	16		6237.1	11.0	7.5	4.0	1740.0
		5	21		6237.9	.0	.0	.0	.0
		6	9		6239.0	11.2	7.7	2.6	1950.0
WA02	80	11	21		6271.7	11.1	7.6	.7	1210.0
	81	1	12		6270.9	7.1	7.8	5.8	1220.0
		2	11		6270.5	6.5	7.6	6.1	1116.0
		3	13		6269.7	6.2	7.6	7.4	1085.0
		4	16		6269.3	5.8	7.6	4.2	1060.0
		5	21		6271.2	.0	.0	.0	.0
		6	9		6271.2	6.7	7.5	7.5	1510.0
WA03	80	11	21		6371.7	10.6	7.3	1.7	1210.0
	81	1	12		6366.8	8.8	7.6	5.2	1460.0
		2	11		6364.6	9.0	7.4	7.4	1250.0
		3	13		6363.5	9.3	7.5	6.1	1170.0
		4	16		6368.3	9.1	7.4	7.0	1160.0
		6	9		6370.3	9.3	7.4	5.2	1470.0
WA04	80	11	24	DRY	.0	.0	.0	.0	.0
	81	0	0	DRY	.0	.0	.0	.0	.0
		1	12	DRY	.0	.0	.0	.0	.0
		2	11	DRY	.0	.0	.0	.0	.0
		3	13	DRY	.0	.0	.0	.0	.0
		4	16	DRY	.0	.0	.0	.0	.0
WA05	80	11	24		6328.1	10.4	7.8	3.0	1440.0
	81	1	12		6327.8	9.3	8.5	5.7	1470.0
		2	11		6327.6	9.2	8.3	9.7	1396.0
		3	13		6327.8	9.2	7.4	.5	1290.0
		4	16		6327.2	9.2	7.4	11.0	1440.0
		6	9		6327.7	9.5	7.4	8.4	1530.0
WA06	80	11	24		6331.0	11.8	7.3	1.7	1450.0

PLUGGD = WELL PLUGGED
DRY = WELL DRY
FLWING = WELL FLOWING
INACCS = WELL INACCESSIBLE

Table 2.2.1.3-1 (cont.)

CB-TRACT
WATER LEVELS AND FIELD MEASUREMENTS
ALLUVIAL WELLS
FOR SAMPLE DATE SHOWN

WELL	YR	MO	DY	STATUS	DEPTH (FT)	WATER TEMP (C)	PH	DISS OXYGEN (MG/L)	SPEC COND (UMHOS)
WA06	81	1	12		6325.9	11.0	7.8	11.1	1380.0
		2	11		6325.1	11.0	7.6	6.7	1381.0
		3	13		6324.8	11.4	7.4	2.3	1187.0
		4	16		6325.6	11.4	7.4	4.6	1320.0
		6	9		6331.9	11.8	7.5	6.7	1380.0
WA07	80	11	24		6351.1	10.1	7.8	4.2	1090.0
	81	1	12		6350.0	9.0	8.1	9.7	1090.0
		2	11		6349.4	9.1	7.9	10.5	1060.0
		3	13		6349.0	9.2	7.8	8.2	939.0
		4	16		6349.5	9.5	7.8	7.5	1080.0
		6	9		6354.7	9.2	7.8	7.5	1250.0
WA08	80	11	24		6376.9	10.1	7.6	4.3	1380.0
					6386.9	10.1	7.6	4.3	1380.0
		12	24		6387.3	5.8	8.0	10.2	1280.0
	81	1	15		6386.8	5.5	7.9	8.6	1270.0
		2	11		6386.4	5.1	8.0	5.3	1218.0
		3	18		6385.5	4.2	7.7	9.9	1113.0
		4	22		6385.6	6.5	7.9	8.7	1323.0
		6	11		6387.7	5.7	7.6	5.3	1350.0
WA09	80	11	24		6494.1	10.2	7.7	7.6	1260.0
		12	24		6494.1	9.9	7.8	8.4	1220.0
	81	1	14		6494.0	9.3	7.9	10.3	1040.0
		2	11		6493.8	9.4	7.8	10.0	1210.0
		3	18		6493.7	9.4	8.2	7.8	944.0
		4	22		6493.5	9.3	7.8	7.2	1176.0
		5	21		6493.0	.0	.0	.0	.0
		6	11		6493.3	9.6	7.6	7.5	1260.0
WA10	80	11	20	DRY	.0	.0	.0	.0	.0
		12	24	DRY	.0	.0	.0	.0	.0
	81	0	0	DRY	.0	.0	.0	.0	.0
		1	15	DRY	.0	.0	.0	.0	.0
		2	11	DRY	.0	.0	.0	.0	.0
		3	18	DRY	.0	.0	.0	.0	.0
		4	22	DRY	.0	.0	.0	.0	.0

PLUGGD = WELL PLUGGED
DRY = WELL DRY
FLWING = WELL FLOWING
INACCS = WELL INACCESSIBLE

Table 2.2.1.3-1 (cont.)

CB-TRACT
WATER LEVELS AND FIELD MEASUREMENTS
ALLUVIAL WELLS
FOR SAMPLE DATE SHOWN

WELL	YR	MO	DY	STATUS	DEPTH (FT)	WATER TEMP (C)	PH	DISS OXYGEN (MG/L)	SPEC COND (UMHOS)
WA11	80	11	26		6449.8	.0	.0	.0	.0
		12	24		6449.8	.0	.0	.0	.0
	81	1	15		6449.8	.0	.0	.0	.0
		2	11		6449.8	.0	.0	.0	.0
		3	18		6449.9	.0	.0	.0	.0
		4	22		6450.0	.0	.0	.0	.0
		6	11		6450.3	.0	.0	.0	.0
WA12	80	11	26		6636.8	9.6	7.4	6.0	1510.0
		12	24		6636.7	8.9	7.6	6.7	1500.0
	81	1	15		6636.9	8.3	7.9	8.5	1430.0
		2	11		6637.2	8.3	7.7	8.8	1587.0
		3	18		6638.0	8.3	7.5	8.6	1315.0
		4	22		6639.5	8.2	7.4	6.3	1448.0
		5	21		6639.4	.0	.0	.0	.0
		6	11		6640.0	8.4	7.6	8.0	1410.0
WA13	80	11	26	DRY	.0	.0	.0	.0	.0
		12	24	DRY	.0	.0	.0	.0	.0
	81	0	0	DRY	.0	.0	.0	.0	.0
		1	15	DRY	.0	.0	.0	.0	.0
		2	11	DRY	.0	.0	.0	.0	.0
		3	18	DRY	.0	.0	.0	.0	.0
		4	22	DRY	.0	.0	.0	.0	.0
WA55	80	11	20		6442.9	.0	.0	.0	.0
	81	2	11	INACSS	.0	.0	.0	.0	.0
		3	12	DRY	.0	.0	.0	.0	.0
		6	11		6441.2	12.5	7.7	6.7	1660.0
WA56	81	1	12		-21.7	10.5	8.1	1.0	1300.0
		2	11	INACSS	.0	.0	.0	.0	.0
		3	12		-21.6	9.5	7.5	6.0	1395.0
		6	11		-20.7	10.8	7.8	4.4	1315.0

PLUGGD = WELL PLUGGED
DRY = WELL DRY
FLWING = WELL FLOWING
INACCS = WELL INACCESSIBLE

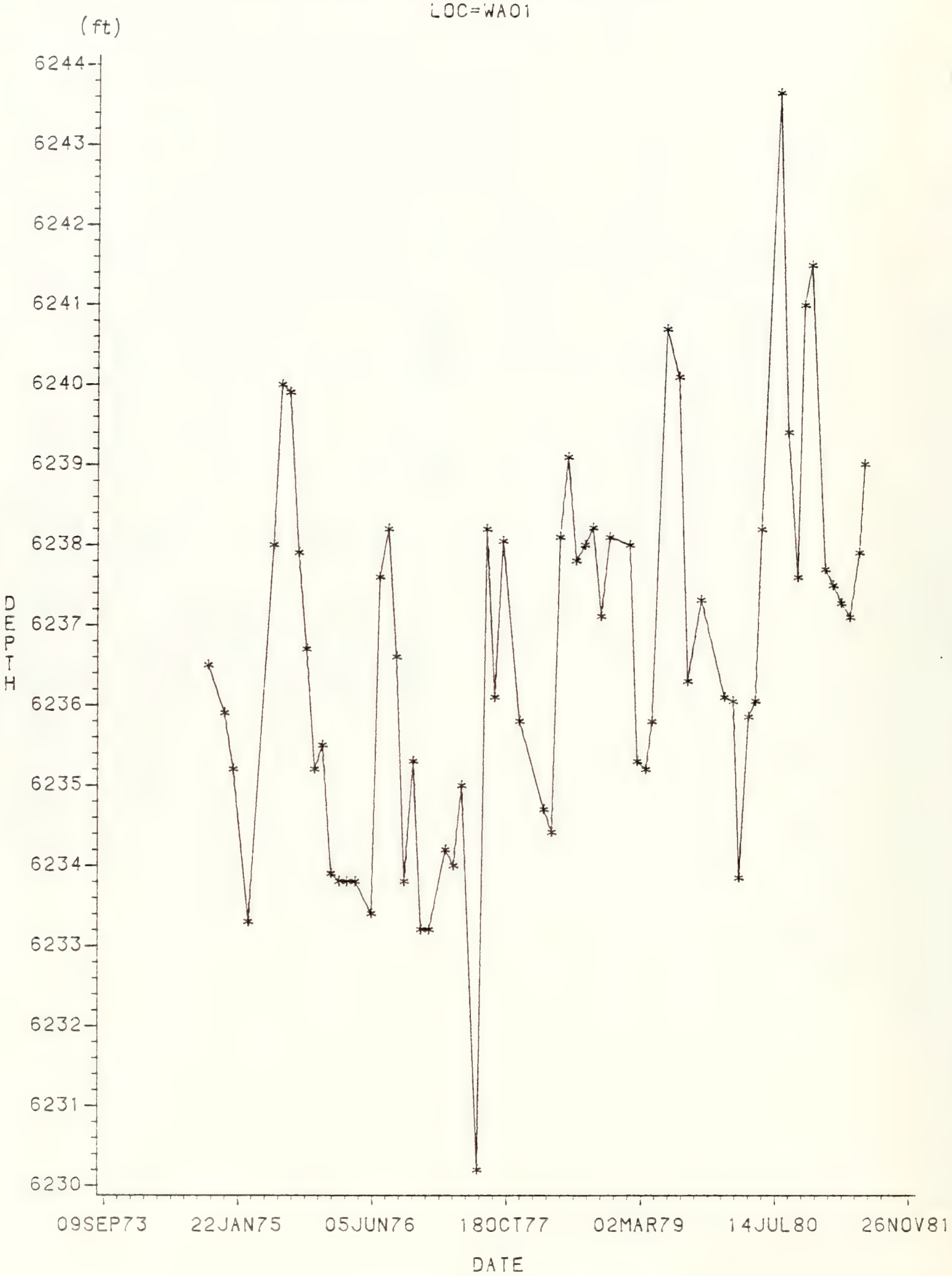
TABLE 2.2.1.3-2

PLOTS OF WATER LEVELS IN ALLUVIAL WELLS

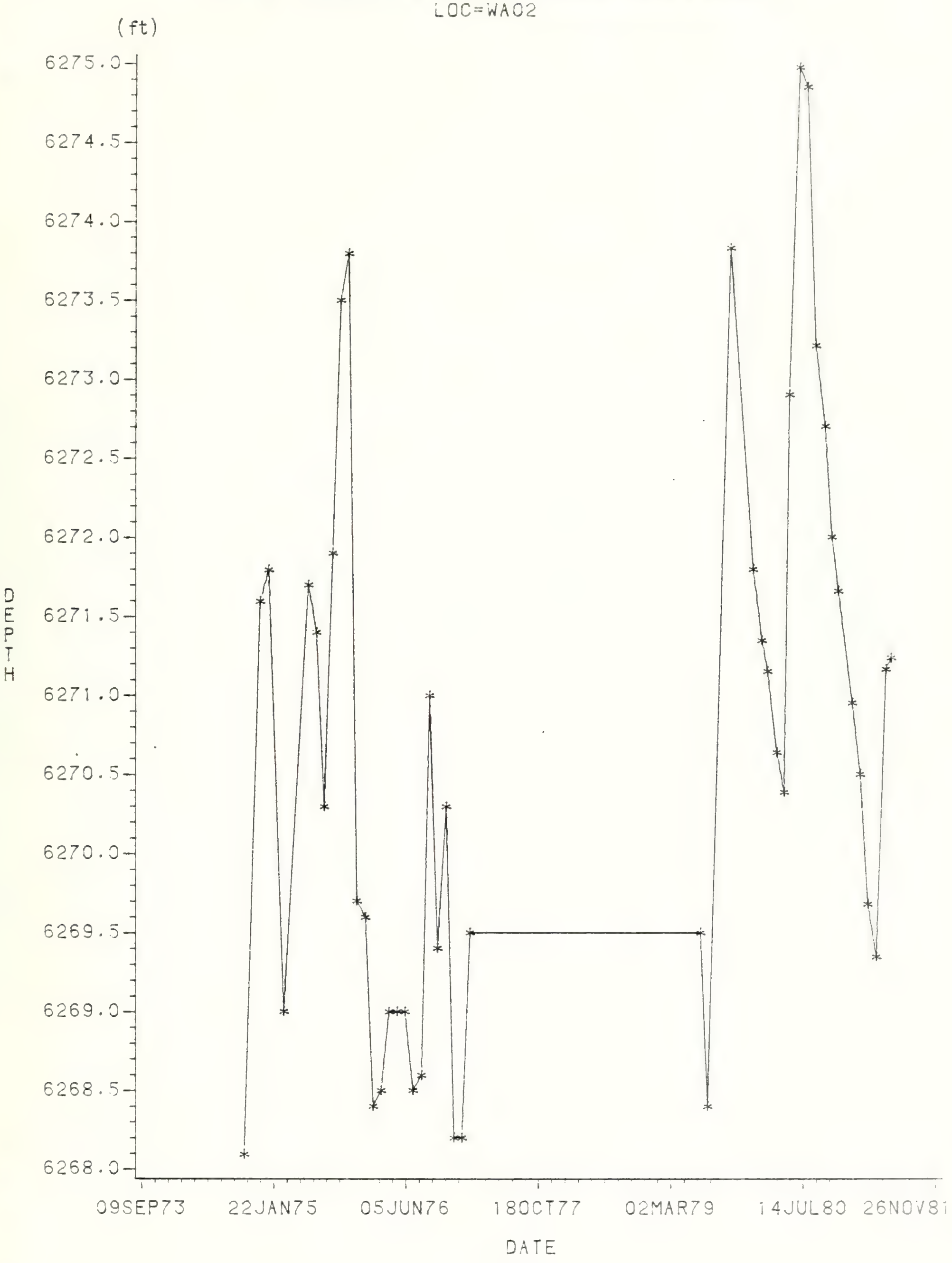
Well No.	Computer Code	Page No.
A-1	WA01	I-86
A-2	WA02	I-87
A-3	WA03	I-88
A-5	WA05	I-90
A-5A	WA55	I-91
A-6	WA06	I-92
A-7	WA07	I-93
A-8	WA08	I-94
A-9	WA09	I-95
A-10	WA10	I-96
A-11	WA11	I-97
A-12	WA12	I-98

C−B ALLUVIAL WELL LEVELS

LOC=WA01

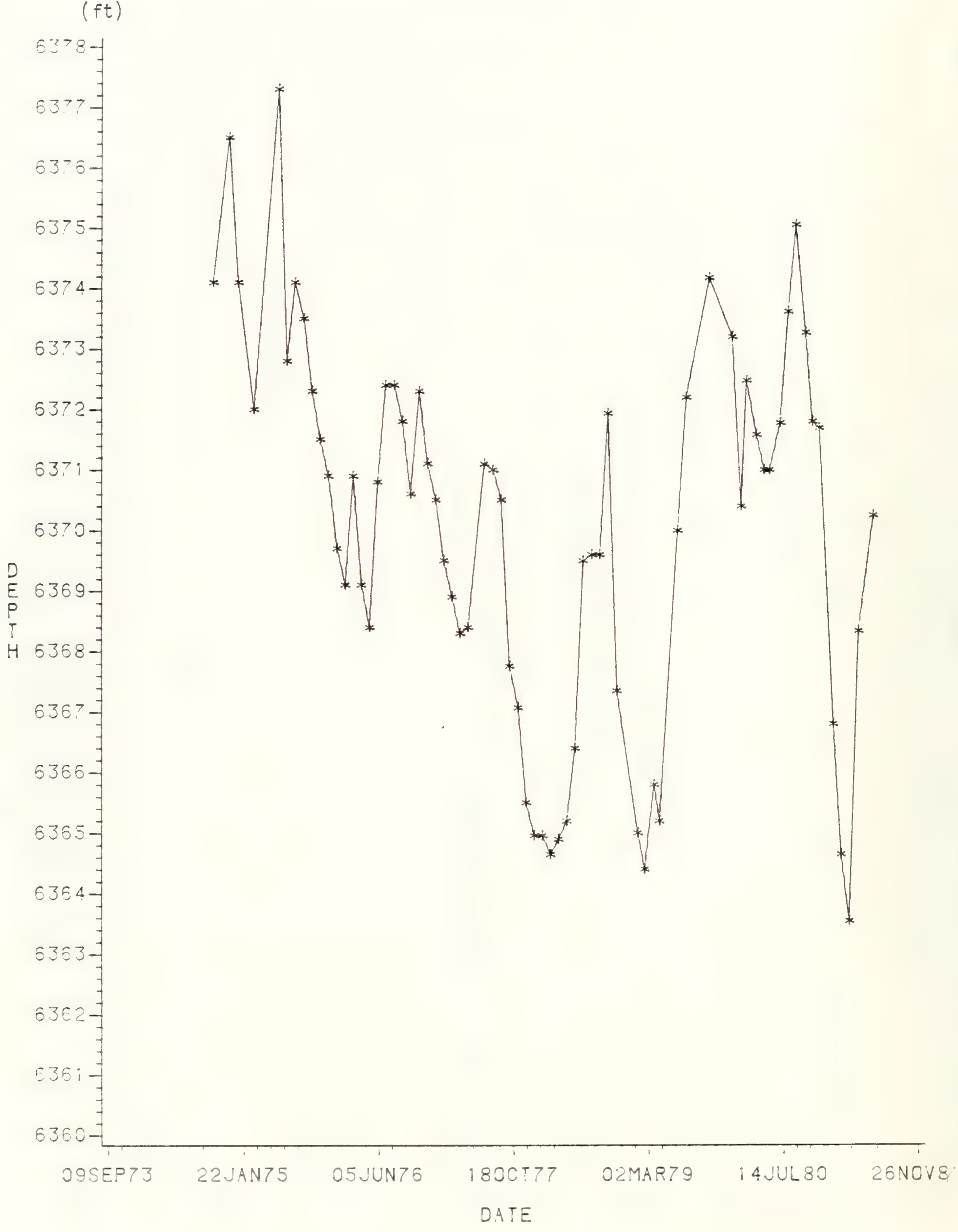


C–B ALLUVIAL WELL LEVELS



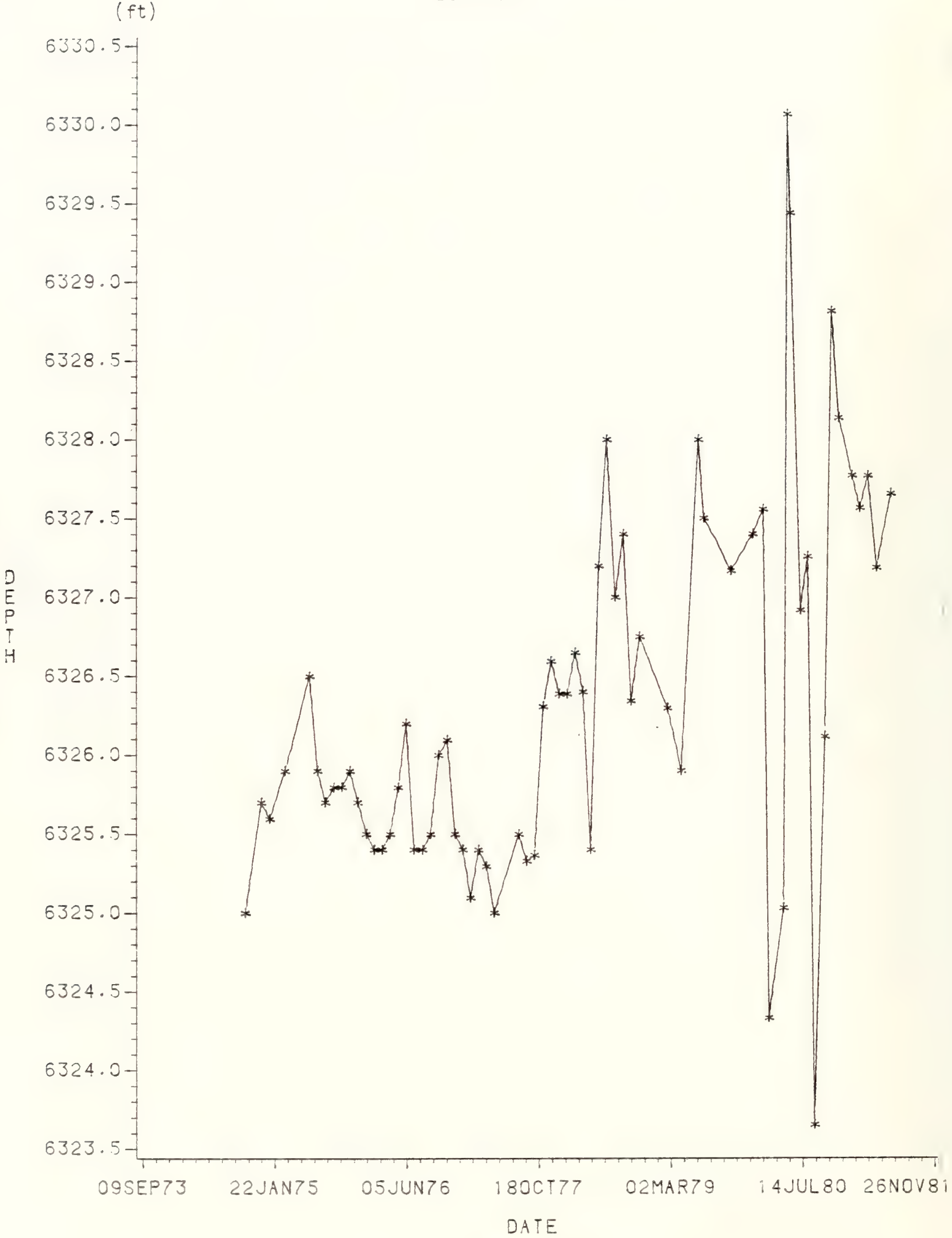
C-B ALLUVIAL WELL LEVELS

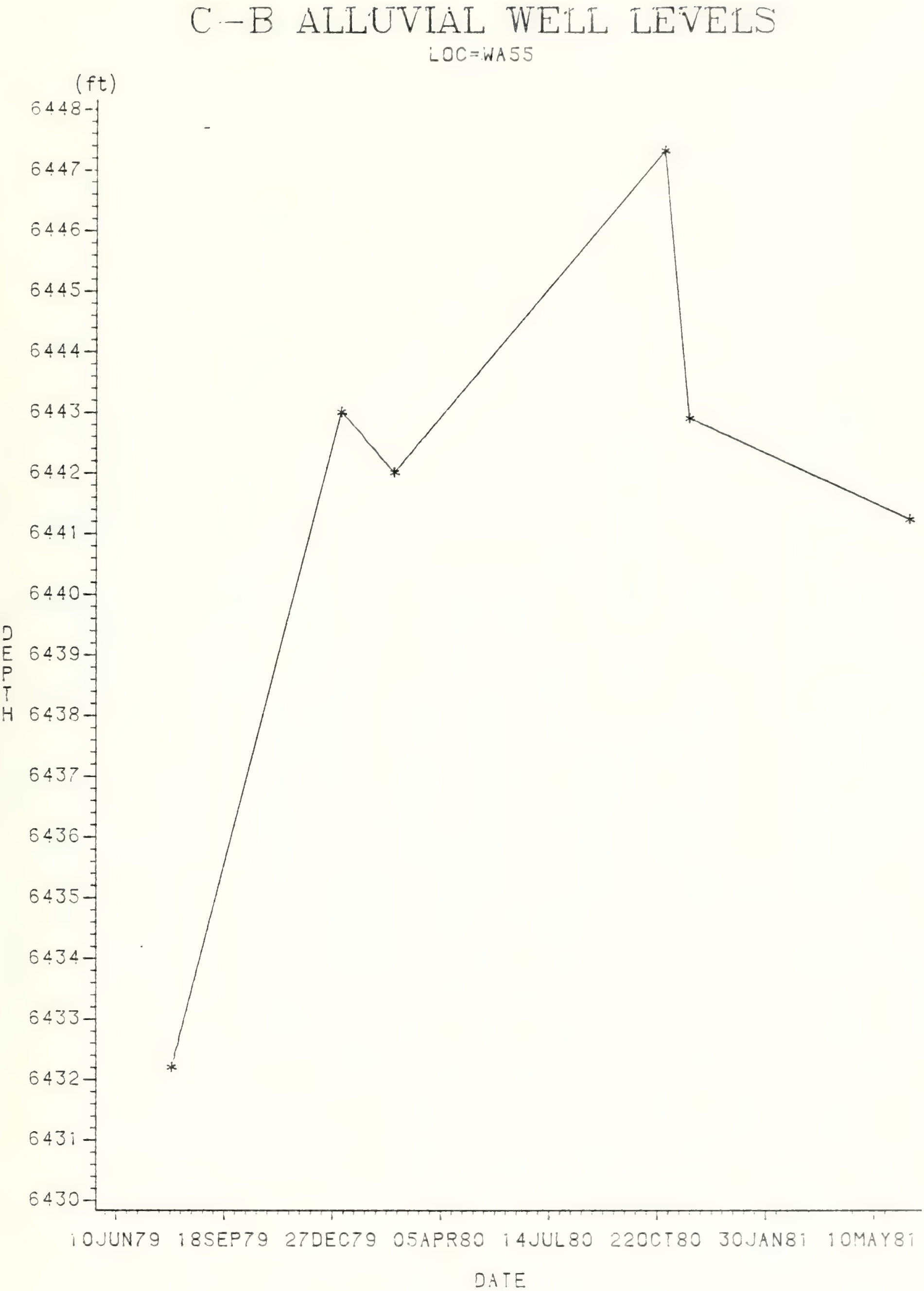
LOC=WA03

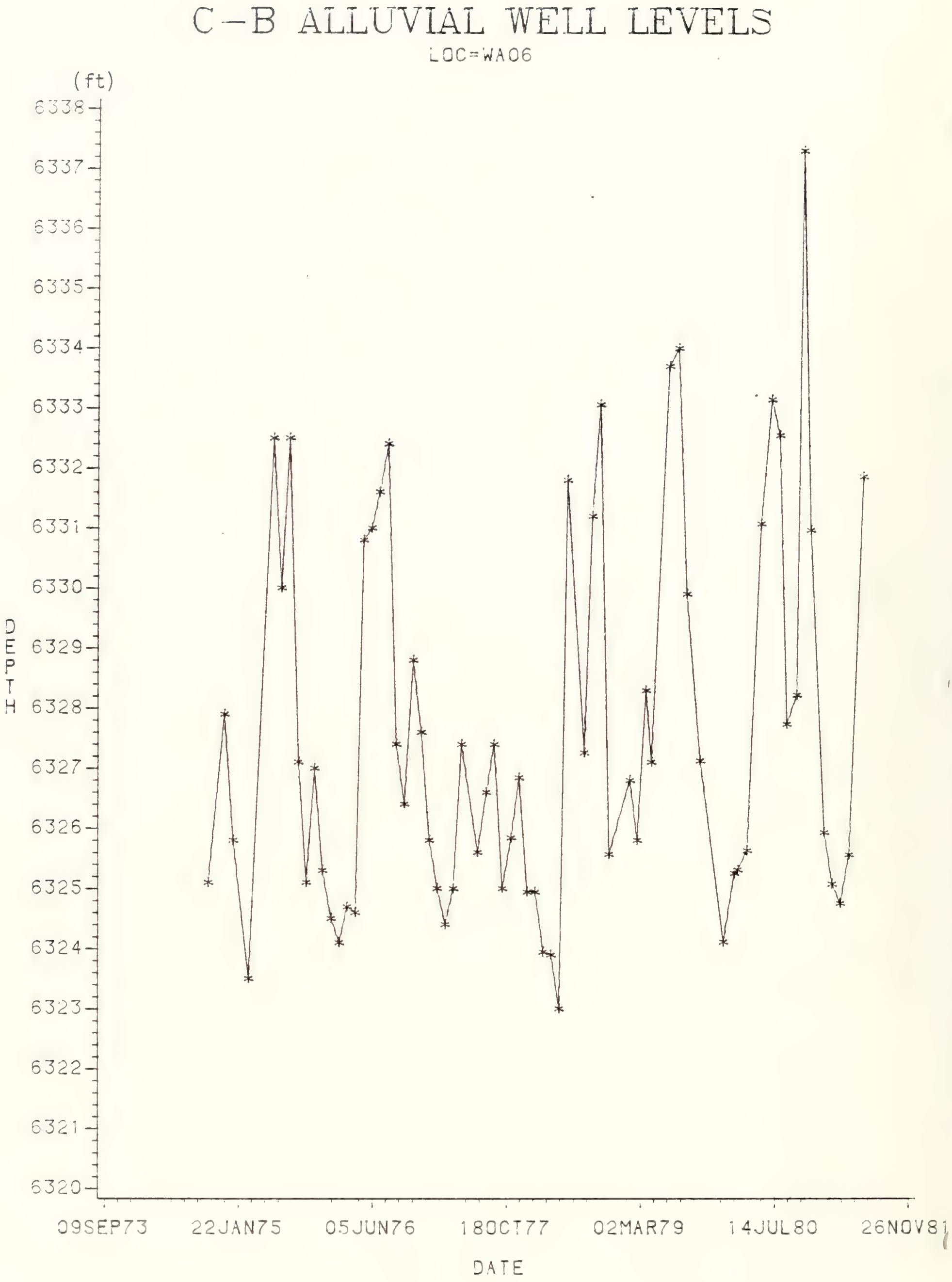


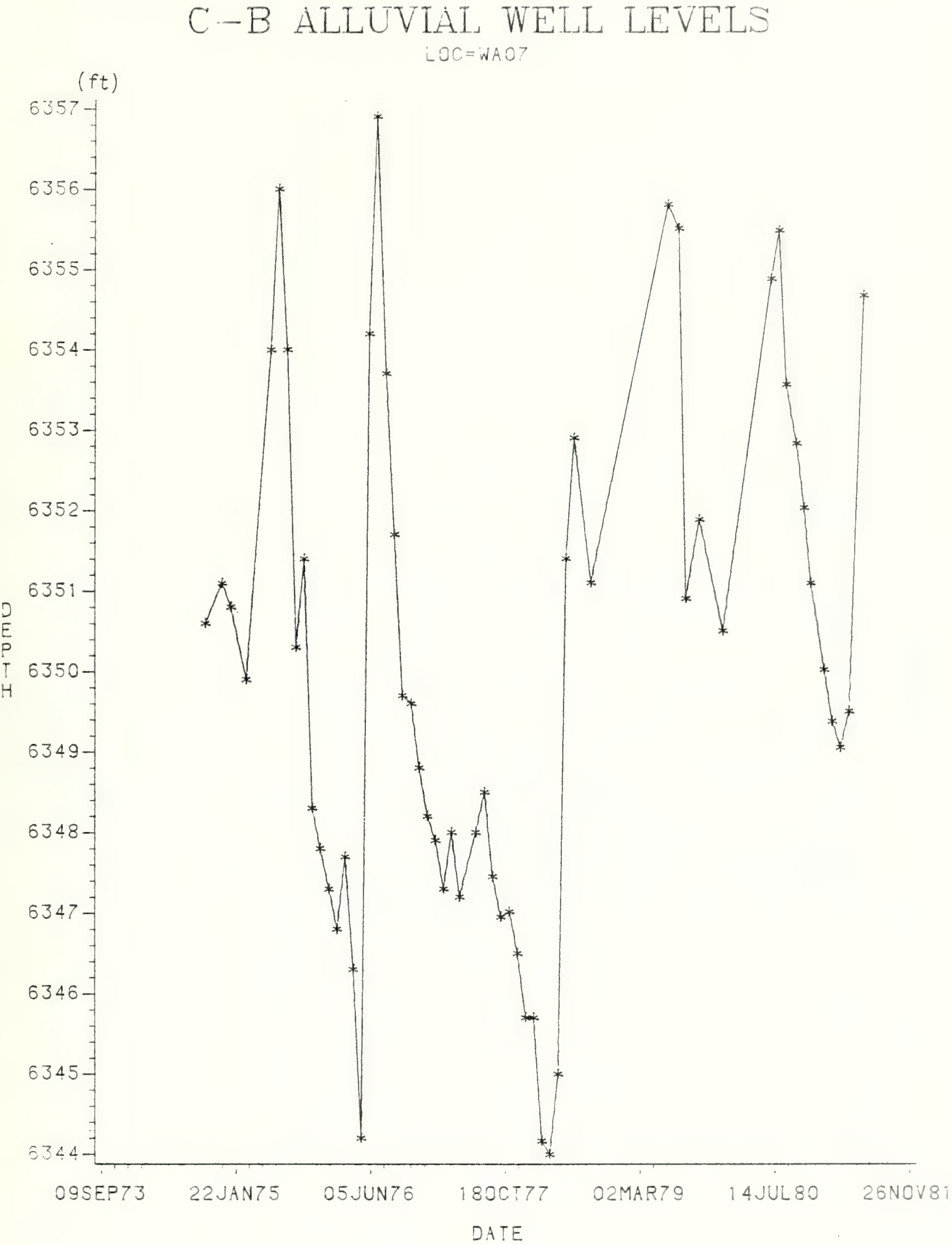
C-B ALLUVIAL WELL LEVELS

LOC=WA05



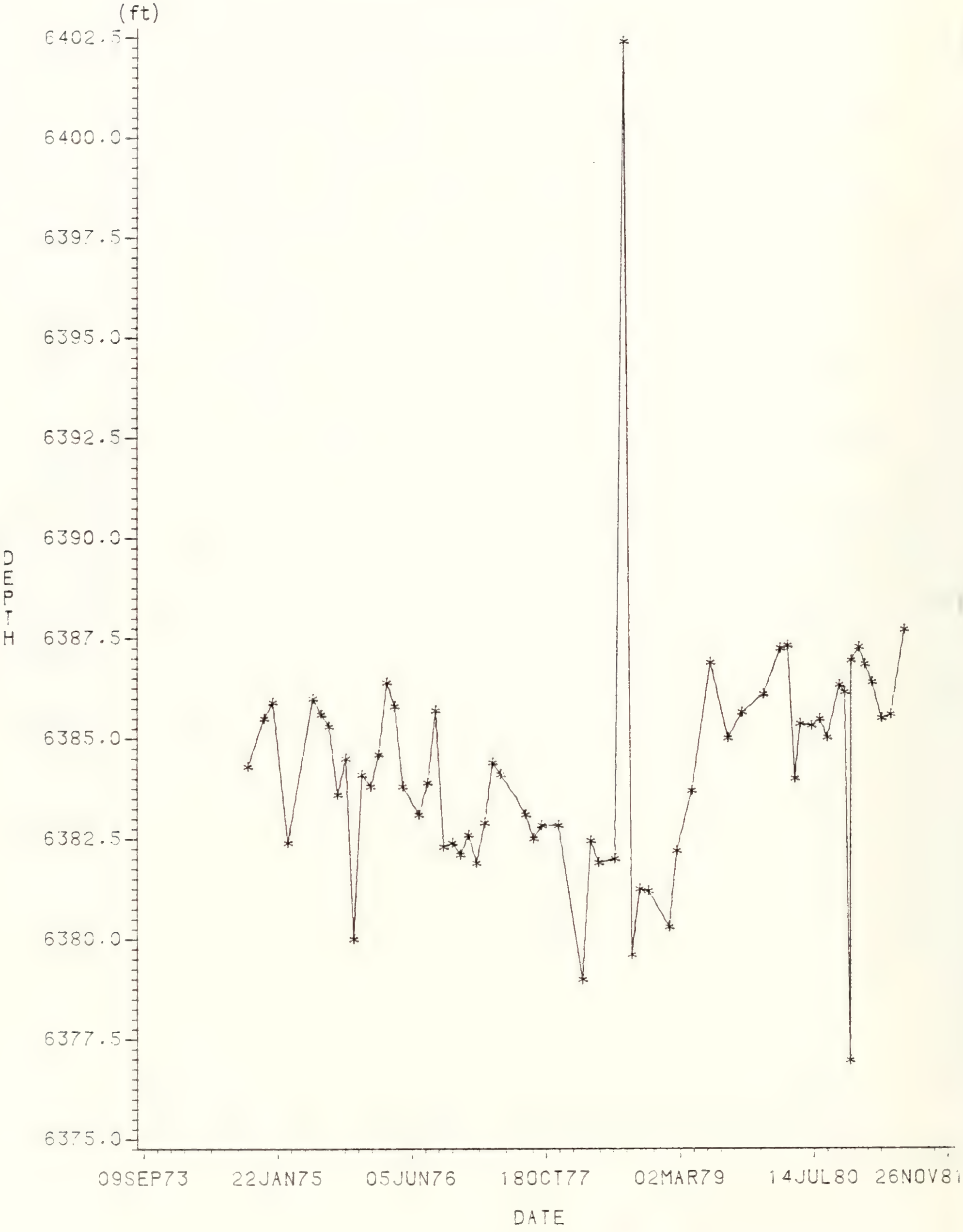

C-B ALLUVIAL WELL LEVELS
LOC=WA55
(ft)
6448
6447
6446
6445
6444
6443
6442
6441
6440
6439
6438
6437
6436
6435
6434
6433
6432
6431
6430
DEPTH
10JUN79
18SEP79
27DEC79
05APR80
14JUL80
22OCT80
30JAN81
10MAY81
DATE


C–B ALLUVIAL WELL LEVELS
LOC=WA06
(ft)
6338
6337
6336
6335
6334
6333
6332
6331
6330
6329
6328
6327
6326
6325
6324
6323
6322
6321
6320
DEPTH
09SEP73
22JAN75
05JUN76
18OCT77
02MAR79
14JUL80
26NOV81
DATE


C-B ALLUVIAL WELL LEVELS
LOC=WA07
(ft)
6357
6356
6355
6354
6353
6352
6351
6350
6349
6348
6347
6346
6345
6344
DEPTH
09SEP73
22JAN75
05JUN76
18OCT77
02MAR79
14JUL80
26NOV81
DATE

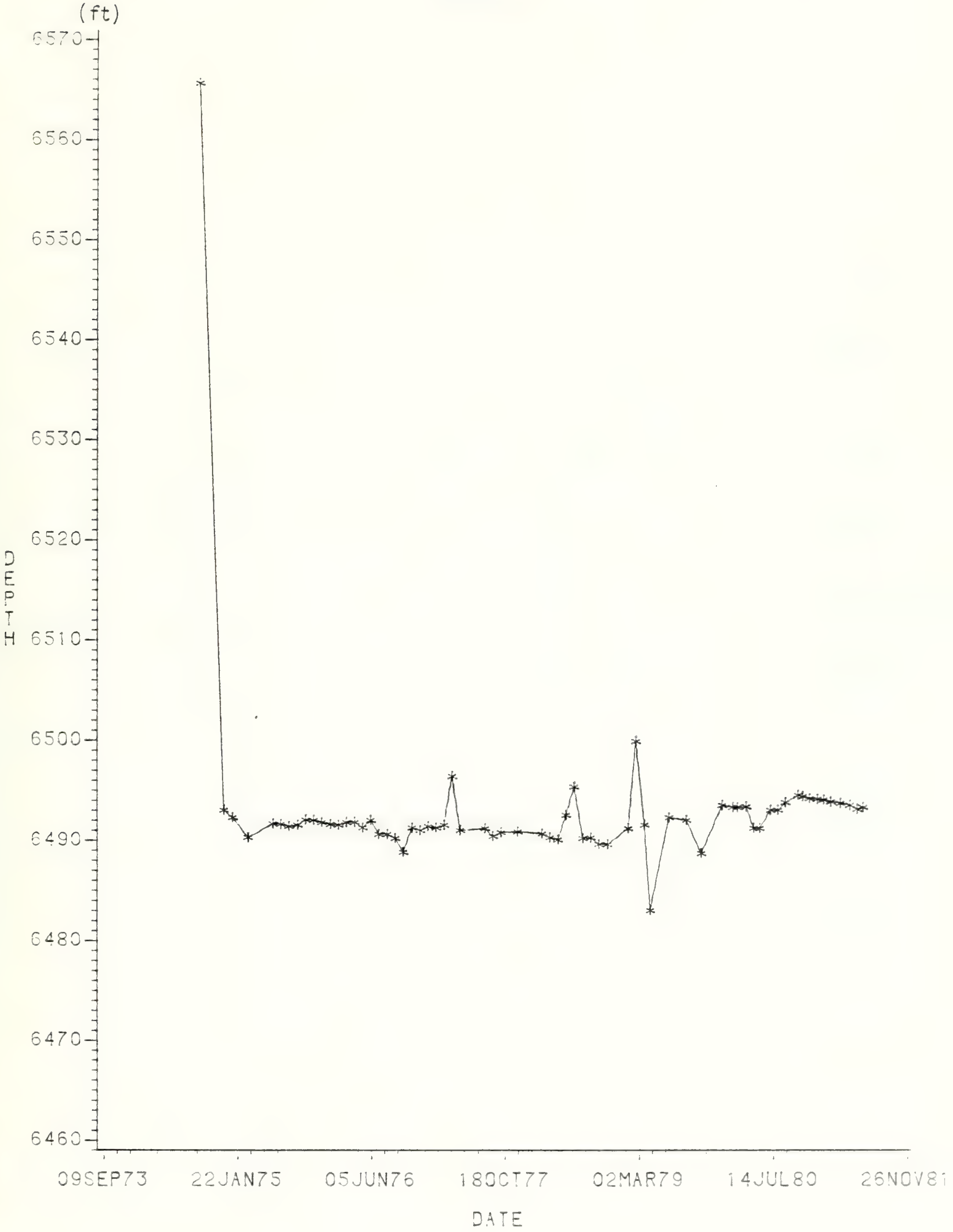
C-B ALLUVIAL WELL LEVELS

LOC=WA08



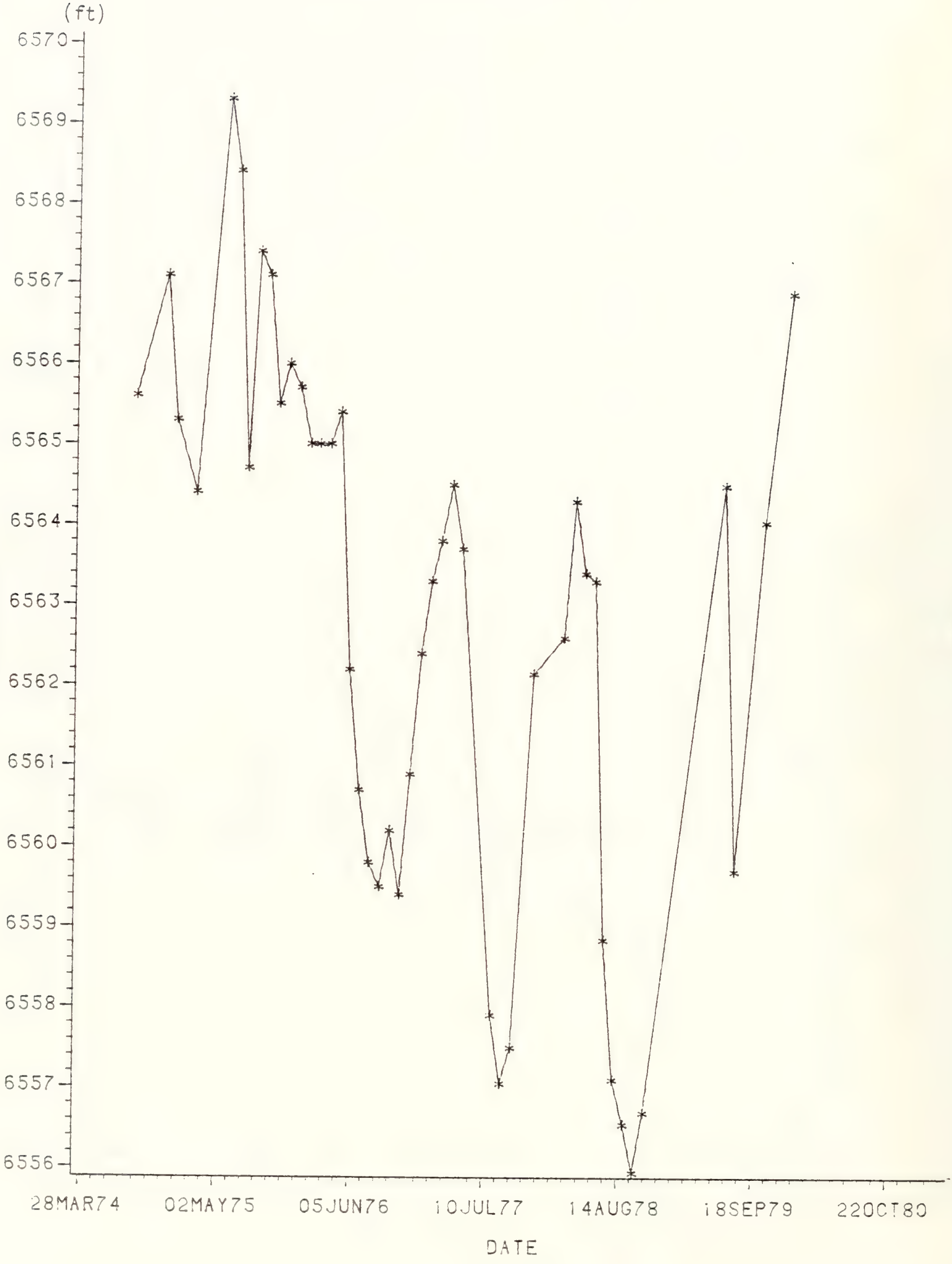
C–B ALLUVIAL WELL LEVELS

LOC=WA09



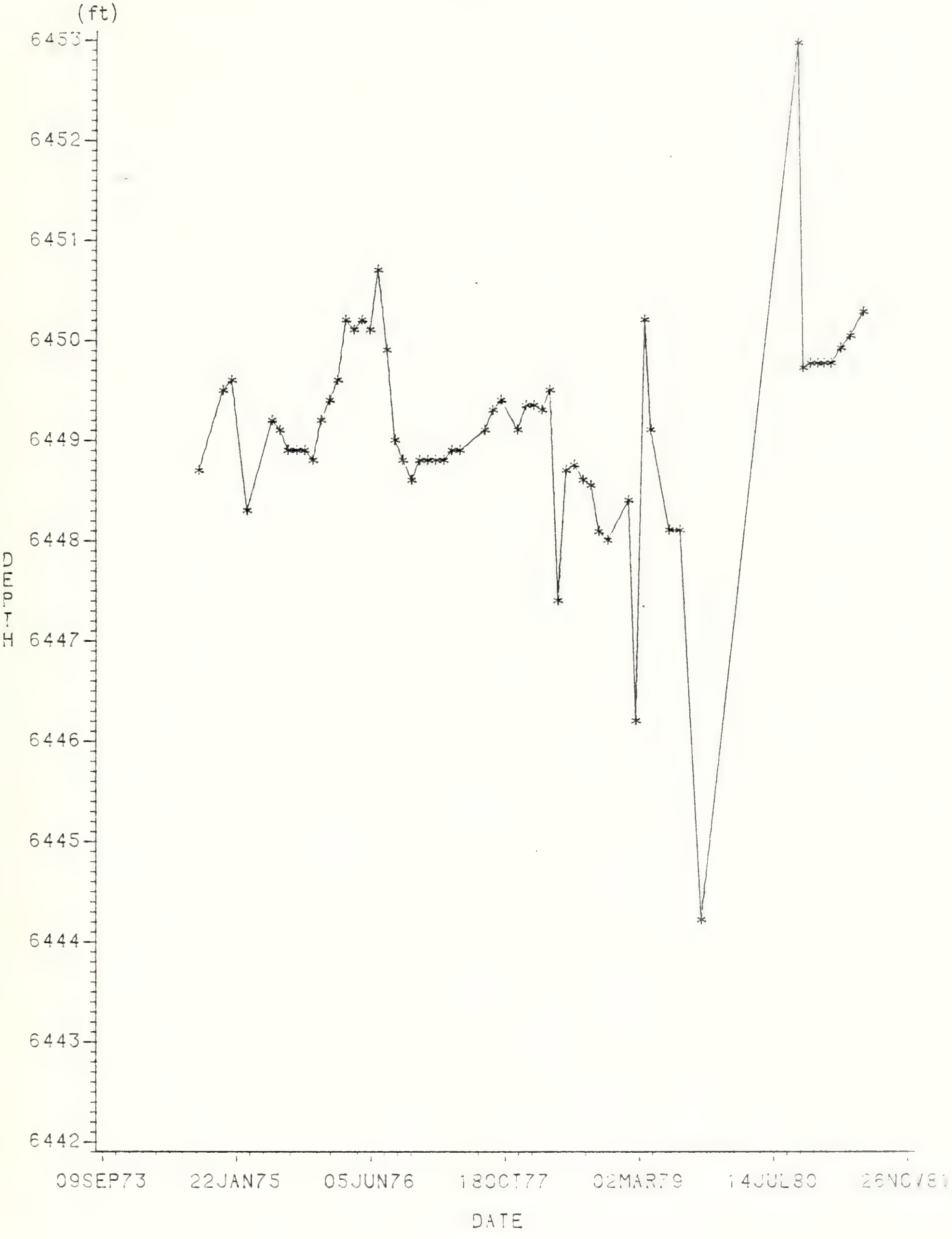
C-B ALLUVIAL WELL LEVELS

LOC=WA10



C-B ALLUVIAL WELL LEVELS

LOC=WA11



C-B ALLUVIAL WELL LEVELS

LOC=WA12

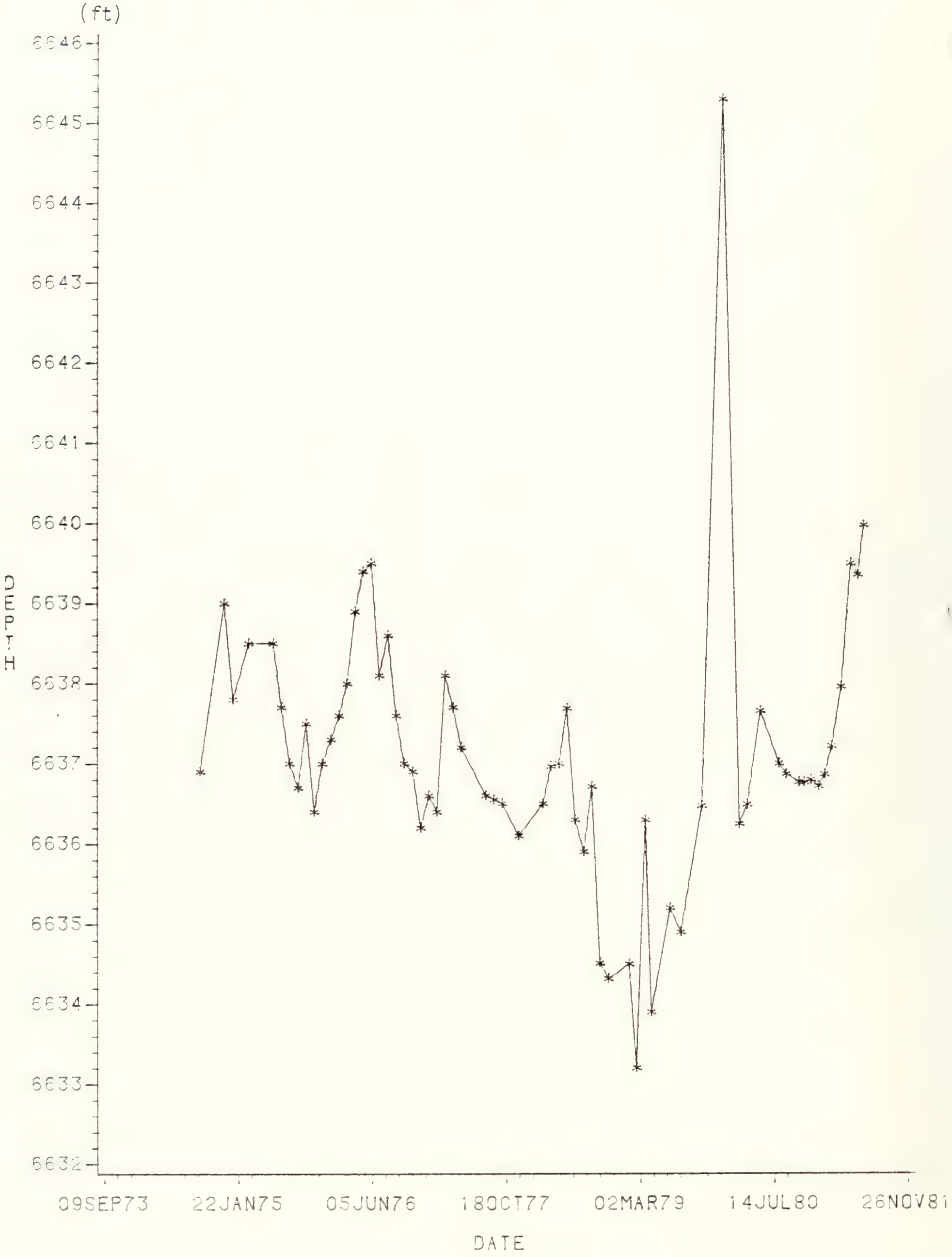


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TABLE 2.2.1.3-3

STEVEN RECORDER DAILY WATER LEVELS FOR ALLUVIAL WELLS

Well No.	Computer Code	Page No.
A-1	WA01	I-102
A-2	WA02	I-104
A-3	WA03	I-106
A-5	WA05	I-108
A-6	WA06	I-110
A-7	WA07	I-112
A-8	WA08	I-114
A-9	WA09	I-116
A-12	WA12	I-118
A-5A	WA55	I-120

STEVEN'S RECORDER MAXIMUM WELL DEPTHS

STATION: WA01 (DISTANCE FROM SURFACE IN FEET) YEAR: 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
-	46.45	46.01	48.38	48.75	46.22	42.69	38.95	38.55	43.06	44.71	40.41	41.58
_	46.45	46.01	48.39	46.38	46.19	42.40	38.90	38.55	43.13	44.60	40.39	41.67
3	46.45	46.01	48.41	↑	46.19	42.26	38.82	38.55	43.24	44.61	40.11	41.81
4	46.10	46.01	48.42		46.18	41.85	38.63	38.55	43.33	44.63	39.98	41.90
5	46.10	46.30	48.42	↓	46.17	41.80	38.64	38.55	43.41	44.65	39.78	42.04
6	46.10	46.40	48.43	46.39	46.10	41.69	38.64	38.55	43.49	44.71	39.61	42.15
7	46.11	46.39	48.46	46.42	46.08	41.55	38.64	38.55	43.55	44.75	39.38	42.25
8	46.11	46.38	48.47	↑	46.01	41.33	38.64	38.55	43.62	44.76	39.24	42.35
9	46.12	↑	48.47	↓	45.98	41.12	38.67	38.55	43.66	44.78	39.08	42.48
10	↑		48.48	46.33	45.94	40.98	38.68	38.55	43.72	44.83	38.98	42.53
11			48.49	46.33	45.92	40.84	38.68	38.55	43.78	44.86	38.83	42.61
12		↓	48.53	46.34	45.85	40.71	38.68	38.55	43.85	44.88	38.81	42.68
13	↓	46.38	48.55	46.36	45.69	40.65	38.69	38.55	43.90	44.89	38.91	42.79
14	46.12	46.37	48.55	46.37	45.46	40.63	38.69	38.55	43.97	44.95	39.07	42.88
15	46.13	↑	48.55	46.31	45.46	40.64	38.69	38.55	43.99	44.96	39.17	42.92
16	46.13		48.57	46.33	45.46	40.62	38.61	38.55	44.05	44.96	39.17	42.98
17	46.13		48.57	↑	45.46	40.62	38.48	38.55	44.12	44.75	39.17	43.04
18	46.14		48.57		45.46	40.55	38.33	38.55	44.19	44.67	39.66	43.16
19	↑		48.59	↓	45.46	40.50	38.26	38.55	44.25	44.15	39.71	43.24
20			48.60	46.33	45.47	40.29	38.18	38.55	44.26	43.80	39.97	43.32
21			48.63	46.32	44.00	40.11	38.12	38.55	44.34	43.41	40.12	43.35
22			48.61	46.32	43.93	39.90	38.04	38.55	44.36	43.35	40.19	43.43
23	↓		48.63	46.31	43.77	39.46	38.03	38.55	44.44	43.06	40.43	43.49
24	46.14		48.61	↑	43.56	39.31	38.03	38.55	44.47	42.65	40.70	43.58
25	46.09	↓	48.64		43.43	39.32	38.03	38.55	44.49	42.51	40.81	43.64
26	46.01	46.37	48.65	↓	43.37	39.32	38.03	38.55	44.54	42.21	40.92	43.71
27	↑	48.35	48.66	46.31	43.32	39.32	38.03	38.55	44.42	41.99	41.08	43.75
28		48.36	48.67	46.24	43.26	39.26	38.55	38.55	44.35	41.69	41.22	43.77
29		48.38	48.69	46.24	43.08	39.22	38.55	42.85	44.53	41.20	41.32	43.82
30	↓		48.70	46.23	42.89	39.06	38.55	42.95	44.58	41.14	41.45	
31	46.01		48.72		42.89		38.55	42.99		40.71		
AVG.												

STEVEN'S RECORDER MAXIMUM WELL DEPTHS

STATION: WA01 (DISTANCE FROM SURFACE IN FEET) YEAR: 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	44.01	44.59	44.71	44.95								
2	44.01	44.56	44.69	44.87								
3	44.01	44.55	44.74	44.99								
4	44.01	44.53	44.74	44.99								
5	44.01	44.65	44.80	44.99								
6	44.01	44.71	44.79	44.99								
7	RF	44.69	44.79	44.99								
8		44.59	44.71	44.98								
9		44.55	RF	44.99								
10		44.70		44.99								
11		44.78		44.99								
12	RF	44.78		44.95								
13	44.51	44.80	RF	44.98								
14	44.51	44.78	44.96	44.99								
15	44.51	44.69	44.99	44.99								
16	44.52	44.67	44.99	44.95								
17	44.57	44.66	44.98									
18	44.58	44.72	44.99									
19	44.63	44.76	44.99									
20	44.65	44.78	44.99									
21	44.66	44.78	44.99									
22	44.66	44.71	44.89									
23	44.68	44.68	44.85									
24	44.69	44.73	44.97									
25	44.76	44.78	44.99									
26	44.78	44.80	44.97									
27	44.78	44.78	44.98									
28	44.76	44.81	44.86									
29	44.68		44.84									
30	44.71		44.94									
31	44.68		44.90									
TOTAL												

STEVEN'S RECORDER MAXIMUM WELL DEPTHS

STATION: WA02 (DISTANCE FROM SURFACE IN FEET) YEAR: 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	12.68	13.04	13.28	13.83	14.22	9.79	9.53	9.37	10.43	11.38	12.53	12.94
2	12.70	13.05	13.31	RF	14.22	8.94	9.52	9.43	10.47	11.40	12.53	12.95
3	12.70	13.07	13.34	↑	14.19	8.95	9.51	9.53	10.51	11.80	12.54	12.95
4	12.73	13.09	13.35		14.15	9.06	9.45	9.60	10.55	11.80	12.53	12.95
5	12.75	13.09	13.37		14.20	9.11	9.28	9.66	10.59	11.78	12.53	12.96
6	12.77	12.44	13.39		14.20	9.14	8.91	9.73	10.61	11.75	12.52	12.97
7	12.79	12.46	13.43		14.09	9.13	8.53	9.81	10.63	11.72	12.51	12.99
8	12.83	12.46	13.46		13.37	9.13	8.25	9.86	10.65	11.69	12.50	13.01
9	12.85	12.45	13.48		13.23	9.06	8.28	9.89	10.70	11.66	12.50	13.01
10	12.88	12.42	13.51		13.13	9.05	8.34	9.93	10.72	11.63	12.51	13.00
11	12.88	12.41	13.52		13.00	9.02	8.44	10.00	10.75	11.60	12.53	13.01
12	12.89	12.43	13.55		12.77	9.12	8.53	10.03	10.78	11.58	12.54	13.04
13	12.90	12.47	13.56		12.57	9.19	8.55	10.06	10.82	11.56	12.55	13.05
14	12.89	12.48	13.57		12.33	9.25	8.63	10.11	10.87	11.53	12.55	13.07
15	12.88	12.48	13.56		12.05	9.31	8.68	10.14	10.90	11.50	12.54	13.10
16	12.87	12.48	13.56		11.95	9.36	8.77	10.19	10.94	11.48	12.57	13.12
17	12.90	12.46	13.56		11.88	9.39	8.84	10.25	10.99	11.47	12.58	13.13
18	12.93	12.42	13.58		11.88	9.44	8.91	10.32	11.02	11.44	12.59	13.14
19	12.94	12.25	13.58		11.87	9.47	8.96	10.40	11.06	11.42	12.59	13.16
20	↑	12.03	13.59		11.85	9.51	9.04	10.44	11.08	11.37	12.61	13.17
21		12.03	13.61		11.60	9.54	9.09	10.48	11.11	11.34	12.84	13.18
22	↓	12.13	13.62		11.58	9.57	9.14	10.52	11.15	11.33	12.88	13.18
23	12.94	12.13	13.64		11.54	9.60	9.20	10.58	11.21	11.31	12.89	13.20
24	12.95	12.29	13.73		11.52	9.62	9.24	10.58	11.28	11.29	12.92	13.21
25	12.97	12.35	13.73		11.52	9.62	9.25	10.61	11.32	11.26	12.93	13.22
26	13.00	12.39	13.76		11.50	9.61	9.34	10.67	11.37	11.23	12.93	13.23
27	13.00	13.35	13.76		11.47	9.56	9.41	10.70	11.39	11.20	12.93	13.24
28	13.03	13.31	13.79	↓	11.43	9.51	9.45	10.74	11.35	11.18	12.91	13.25
29	13.05	13.26	13.80	14.61	11.41	9.50	9.53	10.29	11.29	12.50	12.93	13.27
30	13.06		13.81	14.27	11.38	9.53	9.65	10.33	11.34	12.51	12.93	
31	13.06		13.82		11,26		9.33	10.37		12.53		
AVG.												

STEVEN'S RECORDER MAXIMUM WELL DEPTHS

(DISTANCE FROM SURFACE IN FEET)

STATION: WA02

YEAR: 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	13.37	13.90	14.42	15.03								
2	13.41	13.88	14.43	15.00								
3	13.42	13.93	14.45	15.03								
4	13.45	13.95	14.48	15.04								
5	13.46	13.95	14.51	15.09								
6	13.48	14.02	14.53	15.11								
7	13.48	14.05	14.54	15.11								
8	13.47	14.05	14.54	15.12								
9	13.48	14.05	14.54	15.13								
10	13.53	14.05	14.56	15.15								
11	13.54	14.00	14.58	15.16								
12	13.56	13.99	14.63	15.16								
13	13.55	14.00	14.65	15.16								
14	13.57	14.04	14.82	15.16								
15	13.59	14.05	14.82	15.18								
16	13.63	14.07	14.83	15.19								
17	13.65	14.08	14.84									
18	13.70	14.11	14.85									
19	13.72	14.14	14.85									
20	13.73	14.15	14.87									
21	13.74	14.15	14.88									
22	13.77	14.15	14.89									
23	13.80	14.19	14.90									
24	13.82	14.23	14.92									
25	13.86	14.26	14.96									
26	13.85	14.29	14.96									
27	13.85	14.37	14.97									
28	13.87	14.40	14.97									
29	13.90		15.00									
30	13.91		15.03									
31	13.92		15.04									
TOTAL												

STEVEN'S RECORDER MAXIMUM WELL DEPTHS

STATION: WA03 (DISTANCE FROM SURFACE IN FEET) YEAR: 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	74.92	RF	RF		RF	RF	76.82	74.92	RF	RF	76.80	76.22
2	74.92	↑	↑	RF	↑	↑	76.76	74.77	↑	RF	76.80	76.27
3	RF			↑			76.63	74.73		75.33	76.80	76.34
4	↑						76.60	74.70		75.33	76.80	76.46
5							76.57	74.67		↑	76.80	76.52
6							76.53	74.64			76.80	76.62
7							76.49	74.61			76.79	76.75
8							76.36	74.57			76.78	76.86
9							76.30	74.54			76.76	76.89
10							76.24	74.49			76.76	76.97
11							76.18	74.46			76.76	77.00
12							76.14	74.44			76.76	77.35
13							76.04	74.35			76.76	IM
14							75.91	74.32		↓	76.76	↑
15							75.84	74.23		75.33	76.76	
16							75.76	74.20		74.39	76.77	
17							75.73	74.18		74.35	76.78	
18							75.63	74.17		74.25	76.83	
19							75.51	74.15		74.22	IM	
20							75.48	74.13		74.20	IM	
21							75.44	74.13		RF	75.76	
22							75.32	74.11		↑	75.76	
23			↓				75.30	74.10			75.85	
24			RF				75.24	74.09			75.86	
25							75.22	74.09			75.88	
26							75.19	74.07			75.89	
27							75.16	74.06		↓	75.89	
28		↓					75.12	73.99		RF	76.03	↓
29		RF		↓	↓	↓	74.98	RF	↓	76.80	76.05	IM
30	↓			RF	RF	76.82	74.98	RF	RF	76.80	76.14	
31	RF						74.97	RF		76.80		
AVG.												

STEVEN'S RECORDER MAXIMUM WELL DEPTHS

STATION: WA03 (DISTANCE FROM SURFACE IN FEET) YEAR: 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	80.71	83.34	85.02	82.42	79.07	78.84						
2	80.81	83.41	85.09	82.26	79.03	78.80						
3	80.91	83.48	85.11	82.10	78.95	78.76						
4	80.99	83.56	85.13	81.91	78.95	78.73						
5	81.05	83.65	85.15	81.80	78.92	78.69						
6	81.17	83.71	85.15	81.68	78.88	78.65						
7	81.27	83.79	85.15	81.53	78.86	78.57						
8	81.34	83.86	85.15	81.53	78.85	78.54						
9	81.47	83.93	85.15	81.53	78.85	78.49						
10	81.54	84.00	85.14	81.21	78.85							
11	81.60	83.95	85.12	81.13	78.85							
12	81.70	84.01	85.05	81.00	78.86							
13	81.80	84.03	84.97	80.90	78.88							
14	81.88	84.13	85.05	80.78	78.89							
15	81.96	84.18	85.04	80.66	78.92							
16	82.05	84.23	84.96	80.56	78.97							
17	82.14	84.30	84.86	80.23	79.02							
18	82.22	84.36	84.73	80.13	79.04							
19	82.31	84.43	84.65	80.03	79.05							
20	82.39	84.48	84.52	79.94	79.07							
21	82.47	84.53	84.37	79.83	79.07							
22	82.55	84.59	84.20	79.75	79.07							
23	82.64	84.65	84.05	79.66	79.07							
24	82.73	84.72	83.89	79.55	79.09							
25	82.80	84.76	83.70	79.44	79.09							
26	82.90	84.83	83.52	79.38	79.08							
27	82.98	84.89	83.32	79.30	79.06							
28	83.05	84.96	83.13	79.24	79.04							
29	83.13		82.96	79.17	79.01							
30	83.20		82.78	79.12	78.95							
31	83.27		82.60		78.89							
TOTAL												

STEVEN'S RECORDER MAXIMUM WELL DEPTHS

STATION: WA05 (DISTANCE FROM SURFACE IN FEET) YEAR: 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	21.29	17.46	9.36	15.66	○	16.60	16.71		RF	RF	16.06	14.99
2	21.29	↑	9.35	15.65		16.60	16.70			RF	16.09	14.99
3	21.29		9.35	15.71		16.60	16.65			RF	16.12	18.00
4	17.52		9.35	15.71		16.60	17.63			RF	16.15	18.01
5	↑		9.34	15.85		16.60	17.55				16.17	18.01
6			9.33	17.17		16.60	17.51				16.18	18.02
7			20.67	↑		16.60	17.53				16.21	18.02
8			20.63			16.60	17.61				16.23	18.04
9			21.19			16.60	17.63				16.37	18.04
10		↓	RF	M		16.60	16.65				16.39	18.06
11	↓	17.46	RF	I		16.60	17.63				16.39	18.07
12	17.52	17.44	RF	S		16.60	17.55				16.35	18.08
13	17.47	17.48	RF	S		16.60	17.49				16.36	18.12
14	17.47	17.48	21.16	I	↓	16.60	17.49				16.28	18.13
15	17.46	10.52	21.18	N	14.93	16.60	17.56				16.29	↑
16	↑	10.52	RF	G	14.94	16.60	17.58				16.36	
17		10.53	RF		14.99	16.60	17.58				16.43	
18		10.54	RF	D	14.29	16.60	17.58				16.47	
19		10.53	21.08	A	14.41	16.60	17.58				16.50	
20		10.52	21.17	T	14.52	16.60	17.61				16.55	
21		10.52	21.19	A	14.57	16.60	17.38				16.59	
22		10.52	RF		15.25	16.60	16.70				16.61	
23		10.51	RF		15.25	16.60	16.72				16.65	
24		10.51	RF		15.27	16.60	16.73				16.66	
25		10.50	15.69		15.33	16.60	16.73	RF			16.87	
26		10.50	15.61		15.43	16.60	16.71			↓	16.89	
27		10.50	15.64		16.54	16.60	17.63			RF	14.96	
28		10.50	15.70		16.60	16.60	17.57			16.18	14.97	
29		17.48	15.74		16.60	16.60	17.58			16.18	14.99	↓
30	↓		15.73	○	16.60	16.60	17.58	↓	↓	16.02	14.99	18.13
31	17.46		15.69		16.60					16.03		
AVG.												

STEVEN'S RECORDER MAXIMUM WELL DEPTHS

STATION: WA05 (DISTANCE FROM SURFACE IN FEET) YEAR: 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	17.16	17.42	17.33	17.27								
2	17.16	17.43	17.34	17.28								
3	17.15	17.51	17.34	17.25								
4	17.15	17.39	17.35	17.25								
5	17.15	17.39	17.36	17.33								
6	17.14	17.39	17.28	17.27								
7	17.14	17.45	17.28	17.20								
8	17.18	17.49	17.28	17.26								
9	17.21	17.49	17.26	17.38								
10	17.21	17.49	17.21	17.43								
11	17.23	17.49	17.21	17.45								
12	17.27	17.43	17.21	17.48								
13	17.25	17.41	17.23	17.56								
14	17.37	17.41	17.23	17.64								
15	17.37	17.40	17.24	17.64								
16	17.38	17.40	17.25	17.64								
17	17.38	17.39	17.25									
18	17.36	17.38	17.22									
19	17.39	17.38	17.25									
20	17.40	17.38	17.27									
21	17.40	17.36	17.27									
22	17.42	17.34	17.27									
23	17.42	17.34	17.28									
24	17.42	17.31	17.28									
25	17.42	17.34	17.28									
26	17.42	17.27	17.30									
27	17.43	17.33	17.29									
28	17.40	17.32	17.21									
29	17.41		17.24									
30	17.42		17.24									
31	17.43		17.25									
TOTAL												

STEVEN'S RECORDER MAXIMUM WELL DEPTHS

STATION: WA06 (DISTANCE FROM SURFACE IN FEET) YEAR: 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	RF	RF	34.67	34.37	33.03	28.34	26.85	27.59	32.45	32.59		RF
2	↑	↑	34.65	34.37	33.20	28.31	26.91	27.81	32.51	32.36		↑
3			34.63	34.36	33.21	28.21	26.90	28.13	32.56	32.27		
4			34.61	34.36	33.23	28.02	26.68	28.75	32.64	32.05		
5			34.60	34.34	33.25	27.20	26.29	29.04	32.70	31.77		
6			34.60	34.33	33.27	26.94	25.80	29.29	32.77	31.66		
7			34.60	34.30	33.31	26.59	25.31	29.52	32.83	31.28		
8			34.59	34.28	33.33	25.94	25.12	29.77	32.89	30.78		
9			34.58	34.25	33.34	24.90	24.42	29.99	32.95	30.16		
10		↓	34.58	34.22	33.35	24.03	23.86	30.20	33.00	29.67		
11		RF	34.58	34.19	33.36	23.50	23.52	30.39	33.05	29.29		
12		34.75	34.58	34.11	33.36	24.19	23.45	30.58	33.09	28.96		
13		↑	34.57	34.06	33.36	24.72	23.70	30.75	33.16	28.61	22.70	
14			34.57	34.02	33.33	25.25	23.97	30.90	33.21	28.22	22.64	
15		↓	34.57	33.99	33.22	25.59	24.47	31.06	33.24	27.95	22.66	
16		34.75	34.57	33.94	37.97	25.79	24.84	31.20	33.27	27.55	22.67	
17		34.76	34.56	33.86	32.70	25.79	25.04	31.32	33.31	27.34	22.65	
18		34.77	34.54	33.76	32.31	25.76	25.07	31.46	33.35	26.86	22.63	
19		34.77	34.53	33.62	31.88	25.62	25.07	31.59	33.40	25.82	22.62	
20		34.70	34.52	33.49	31.37	25.40	24.84	31.70	33.47	25.10	22.57	
21		34.65	34.50	33.30	30.78	25.34	24.51	31.84	33.50	24.64	22.51	
22		34.64	34.47	33.13	28.92	25.15	24.69	31.96	33.54	24.28	22.47	
23		34.63	34.44	33.02	28.66	25.07	24.89	32.07	33.58	24.03	22.57	
24		34.63	34.39	32.94	28.18	24.67	24.89	32.15	33.61	23.84	29.15	
25		34.63	34.38	32.90	28.67	24.83	24.68	32.24	33.65	23.67	29.40	
26		34.68	34.34	32.90	27.84	25.05	25.04	32.27	33.69	23.67	29.68	
27		34.69	34.31	32.93	27.78	25.37	25.54	32.26	33.71	23.63	29.90	
28		34.69	34.29	32.94	27.98	25.81	26.00	32.19	33.71	23.33	30.09	
29		34.69	34.25	32.98	28.18	26.23	26.07	32.25	33.71	23.07	30.27	↓
30	↓		34.23	33.01	28.26	26.60	26.07	32.29	33.38		30.50	RF
31	RF		34.21		28.34		27.45	32.37				
[illegible]												

STEVEN'S RECORDER MAXIMUM WELL DEPTHS

STATION: WA06 (DISTANCE FROM SURFACE IN FEET) YEAR: 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	32.25	34.56	35.15	35.34								
2	32.21	34.58	35.16									
3	32.18	34.61	35.17									
4	32.14	34.63	35.19									
5	32.10	34.66	35.20									
6	32.06	34.67	35.22									
7	32.02	RF	35.24									
8	31.98	RF	35.27									
9	31.95	RF	35.28									
10	31.93	RF	35.31	↓								
11	31.90	34.92	35.32	35.34								
12	31.88	34.94	35.33	35.33								
13	34.09	34.95	35.33	35.32								
14	34.09	34.97	35.25	35.31								
15	34.12	34.99	35.25	35.25								
16	34.14	35.00	35.25	34.98								
17	34.19	35.02	35.26									
18	34.21	35.03	35.27									
19	34.23	35.04	35.27									
20	34.26	35.04	35.28									
21	34.28	35.05	35.28									
22	34.30	35.06	35.29									
23	34.32	35.07	35.29									
24	34.33	35.08	35.29									
25	34.35	35.09	35.29									
26	34.38	35.10	35.30									
27	34.40	35.12	35.32									
28	34.42	35.13	35.33									
29	34.44		35.33									
30	34.48		35.33									
31	34.53		35.33									
TOTAL												

STEVEN'S RECORDER MAXIMUM WELL DEPTHS

STATION: WA07 (DISTANCE FROM SURFACE IN FEET) YEAR: 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	33.24	33.34						RE			31.80	32.92
2	33.24	↑						↑			31.82	32.94
3	33.24									30.97	31.83	32.95
4	33.28									30.97	31.86	32.97
5	33.34									30.86	31.88	32.98
6	↑									30.92	31.89	32.99
7										30.89	31.90	32.99
8										30.77	31.92	33.15
9										30.83	31.95	33.16
10		↓								30.93	31.96	33.17
11		33.34								31.02	31.97	33.28
12										31.08	31.98	33.30
13										31.13	31.99	33.30
14										31.19	32.06	33.33
15										31.24	32.08	33.35
16										31.31	32.15	33.37
17										31.34	32.21	33.38
18										31.40	32.25	33.39
19										31.45	32.28	33.42
20										31.47	32.31	33.45
21										31.54	32.36	33.48
22										31.57	32.41	33.50
23										31.60	32.41	33.53
24										31.64	32.71	33.56
25										31.65	32.74	33.58
26								↓		31.69	32.83	33.59
27										31.76	32.83	33.62
28										31.80	32.84	33.64
29										31.81	32.85	33.67
30	↓									31.77	32.88	33.68
31	33.34									31.77		
AVG.												

STEVEN'S RECORDER MAXIMUM WELL DEPTHS

STATION: WA07 (DISTANCE FROM SURFACE IN FEET) YEAR: 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	33.82	36.06	34.65	34.83								
2	RF	36.07	34.67	34.84								
3		36.09	34.67	34.84								
4		36.09	34.68	34.85								
5		36.10	34.68									
6		36.10	34.68									
7		36.12	34.69									
8		36.15	34.70									
9		36.16	34.72									
10		36.16	34.75									
11	↓	36.16	34.75	↓								
12	RF	34.42	34.76	34.85								
13	35.78	34.42	34.77	34.84								
14	35.79	34.42	34.75	34.77								
15	35.81	34.44	34.75	34.75								
16	35.82	34.46	34.75	34.67								
17	35.83	34.47	34.76									
18	35.85	34.49	34.77									
19	35.85	34.50	34.77									
20	35.86	34.50	34.77									
21	35.88	34.52	34.79									
22	35.91	34.52	34.79									
23	35.93	34.55	34.79									
24	35.97	34.57	34.80									
25	35.99	34.58	34.81									
26	35.99	34.60	34.81									
27	35.99	34.60	34.83									
28	36.02	34.62	34.83									
29	36.04		34.83									
30	36.05		34.83									
31	36.05		34.83									
TOTAL												

STEVEN'S RECORDER MAXIMUM WELL DEPTHS

STATION: WA08 (DISTANCE FROM SURFACE IN FEET) YEAR: 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	RF	RF	RF	RF	24.95	24.16	23.69	23.52	RF	RF	RF	RF
2	↑	↑	↑	↑	24.96	24.17	23.69	23.52	↑	↑	↑	↓
3					24.98	24.18	23.68	23.54				
4					25.00	24.18	23.55	23.56				
5					25.01	24.18	23.35	23.57				
6					25.02	23.87	23.21	23.58				
7					25.03	23.77	23.07	23.60				
8					25.03	23.75	22.92	23.62				
9					25.05	23.75	22.81	23.68				
10					25.18	23.60	22.77	23.69				
11					↑	23.61	22.82	23.71				
12					↓	23.61	22.85	23.73		↓		
13					25.18	23.61	22.90	23.73		RF		
14					23.68	23.61	22.93	23.73		IM		
15					23.25	23.61	22.96	23.70				
16					23.18	23.61	22.97	23.66				
17					↑	23.57	23.00	23.69				
18						23.60	23.03	23.79				
19						23.62	23.03	23.82				
20					↓	23.62	22.70	23.83				
21					23.18	24.15	22.68	23.99				
22					23.65	24.16	22.70	24.14				
23					23.72	24.17	22.01	24.18				↓
24					23.77	24.17	24.23	24.18				RF
25					23.83	24.17	24.54	24.12				MT
26					23.89	24.17	24.57	24.05				
27					23.95	24.17	24.58	24.00				
28		↓			24.00	24.17	24.62	23.97				
29		RF		↓	24.07	24.17	24.65	23.97			↓	
30	↓		↓	RF	24.10	24.17	24.65	RF	↓	↓	RF	↓
31	RF		RF		24.14		23.52	RF		IM		MT
AVG.												

STEVEN'S RECORDER MAXIMUM WELL DEPTHS

STATION: WA08 (DISTANCE FROM SURFACE IN FEET) YEAR: 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	MT	22.44	22.63	22.64								
2	↓	22.44	22.63	22.55								
3	↓	22.47	22.92	22.51								
4	MT	22.51	23.18	22.49								
5	23.32	22.55	23.33	22.45								
6	23.34	22.58	23.50	22.39								
7	23.36	22.60	23.63	22.49								
8	23.37	22.61	23.67	22.48								
9	23.38	22.61	↓	22.82								
10	↓	22.61	↓	22.82								
11	↓	22.61	↓	22.76								
12	↓	22.60	↓	22.67								
13	↓	22.62	↓	22.76								
14	23.38	22.62	↓	22.83								
15	22.15	22.63	23.67	22.95								
16	22.15	↓	23.66	23.03								
17	22.15	↓	23.64	23.09								
18	22.17	↓	23.49	23.14								
19	22.19	↓	23.49	23.22								
20	22.22	22.63	23.49	23.33								
21	22.26	22.62	23.43	23.39								
22	22.29	22.62	23.41	23.41								
23	22.31	22.63	23.40									
24	22.32	↓	23.39									
25	22.32	↓	23.38									
26	22.36	↓	23.32									
27	22.39	↓	23.25									
28	22.39	22.63	23.09									
29	22.39		22.95									
30	22.39		22.81									
31	22.42		22.78									
TOTAL												

STEVEN'S RECORDER MAXIMUM WELL DEPTHS

STATION: WA09 (DISTANCE FROM SURFACE IN FEET) YEAR: 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	RF	RF	46.95	46.84	RF	RF	47.22	46.86	46.79	46.42	45.87	46.53
2	↑	↑	↑	46.84		↑	47.22	46.86	46.73		45.87	
3				46.83			47.22	46.84			45.87	
4				↑			47.22	46.84			45.88	
5							47.22	46.84			45.88	
6							47.22	46.84			45.88	
7							47.22	46.84			45.88	
8							47.22	46.84			45.88	
9							47.22	46.84			45.88	
10							47.22	26.83			45.88	
11				↓			47.22	46.78			45.88	
12		↓		46.83			47.22	46.78		↓	45.93	↓
13		RF		46.81			47.22	46.78		46.42	45.93	46.53
14		46.91		↑			47.22	46.78		RF	45.93	46.55
15		46.91					47.22	46.77			45.94	46.55
16		46.90					47.22	46.77			45.94	46.55
17		46.90					47.22	46.77	↓		45.94	46.55
18		46.88		↓			47.22	46.77	46.73		45.95	46.55
19		46.88		46.81			47.22	46.77	46.71		45.96	46.56
20		46.86		46.82			47.22	46.77	46.69		45.96	46.57
21		46.86		46.82			47.22	46.77			45.96	46.58
22		46.85	↓	46.84	↓		47.22	46.77			45.96	46.59
23		46.85	46.95	46.86	RF		47.23	46.77			45.96	46.59
24		46.85	46.86	46.86			47.23	46.47			46.54	46.10
25		46.80	↑	46.87			47.23	46.47	↓		46.54	46.10
26		46.80		46.88			47.23	46.47	46.69		46.54	
27		46.80		46.91			47.23	46.47	46.42		46.54	
28		46.80		46.92			47.23	46.81	46.42	↓	46.54	
29		46.95	↓	46.93			47.20	46.79	46.42	RF	46.54	
30	↓		46.86	RF		↓	46.86	46.79	46.42	45.87	46.53	↓
31	RF		46.84		↓		46.86	46.79		45.87		46.10
AVG.												

STEVEN'S RECORDER MAXIMUM WELL DEPTHS

STATION: WA09 (DISTANCE FROM SURFACE IN FEET) YEAR: 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	46.10	46.23	46.46	46.54	↑ Data not available at report time 5/1/81 - 5/22/81	47.15						
2	46.11	46.23	46.46	46.51		47.17						
3	46.11	46.23	46.47	46.51		47.17						
4	46.12	46.23	46.48	46.51		47.17						
5	46.13	46.24	46.48	46.51		47.18						
6	46.13	46.24	46.49	46.50		47.19						
7	46.14	46.24	46.50			47.19						
8	46.15	46.24	46.50			47.21						
9	46.16	46.26	46.50			47.22						
10	46.17	46.26	46.51			47.22						
11	46.17	46.26	46.51									
12	46.18	46.40	46.51	↓								
13	46.19		46.52	46.50								
14	46.18		46.53	46.48								
15			46.53									
16			46.53									
17		↓	46.53									
18		46.40	46.53									
19		46.41	46.54									
20		46.41		↓								
21		46.43		46.48	↓							
22		46.43		Data not available at report time 4/22/81 - 4/30/81	47.15							
23		46.43			47.11							
24		46.44			47.11							
25		46.45			47.11							
26	↓	46.45			47.11							
27	46.18	46.45			47.11							
28	46.19	46.46			47.12							
29	46.20				47.13							
30	46.21		↓		47.14							
31	46.22		46.54		47.14							
TOTAL												

STEVEN'S RECORDER MAXIMUM WELL DEPTHS

STATION: WA12 (DISTANCE FROM SURFACE IN FEET) YEAR: 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	IM	46.53	59.35	55.22	54.32	RF	RF	54.80	54.76	54.89	55.03	RF
2	IM	↑	59.34	55.20	54.31			54.79	54.76	54.90	55.03	
3	46.52		55.48		54.26			54.79	54.76	54.90	55.03	
4	↑		55.48		54.24			54.76	54.76	54.90	55.03	
5			55.48		54.21			54.75	54.76	53.91	55.03	
6			55.44		54.21			54.74	54.76	54.91	55.03	
7			55.44		54.20			54.72	54.77	54.91	55.03	
8			55.43		54.20			54.71	54.77	54.92	55.03	
9			55.42		54.18			54.69	54.77	54.92	55.02	
10		↓	55.41		54.16			54.69	54.82	54.93	55.02	
11	↓	46.53	55.40		54.15			54.68	54.82	54.93	55.02	
12	46.52	46.54	55.39		↑			54.67	54.82	54.94	55.02	
13	46.53	59.45	55.38					54.64	54.84	54.94	55.02	
14	↑	↑	55.37					54.63	54.84	55.03	55.02	
15			55.36					54.63	54.85	55.03	55.02	
16			55.34					54.62	54.85	55.02	55.02	
17		↓	55.34		↓			54.61	54.85	↑	55.02	
18		59.45	55.32		54.15			54.61	54.86		55.02	
19		59.44	55.32		54.14			54.60	54.88		55.02	
20		↑	55.29		54.14			54.59	↑		55.02	
21			55.26		RF			54.58			55.02	
22		↓	55.25					54.58			55.02	
23		59.44	55.24					54.56			55.02	↓
24		59.43	55.38					54.54			55.02	55.08
25		59.42	55.37					54.54			55.02	
26		59.42	55.37					54.52			RF	
27		59.39	55.36					54.93		↓		
28		59.38	55.34				↓	54.76	↓	55.02		↓
29		59.37	55.30	54.32			54.81	54.76	54.88	55.02		55.08
30	↓		55.29	54.32		↓	54.80	54.76	54.89	55.03	↓	55.07
31	46.53		55.24		↓		54.80	54.76		55.03		55.07
AVG.												

STEVEN'S RECORDER MAXIMUM WELL DEPTHS

STATION: WA12 (DISTANCE FROM SURFACE IN FEET) YEAR: 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	55.07	54.79	54.37									
2	55.06	54.79	54.37									
3	55.06	54.79	54.35									
4	55.06	54.76	54.34									
5	55.05	54.75	54.31									
6	55.05	54.74	54.30									
7	55.04	54.74	54.21									
8	55.04	54.71	54.17									
9	55.03	54.71	54.14									
10	55.02	54.70	54.11									
11	55.01	54.70	54.10									
12	55.00	54.58	54.09									
13	54.99	54.57	54.07									
14	54.98	54.57	54.05									
15	54.97	54.56	54.03									
16	54.93	54.55	53.99									
17	54.93	54.54	53.96									
18	54.93	54.51	53.91									
19	54.93	54.49										
20	54.92	54.47										
21	54.91	54.45										
22	54.89	54.44										
23	54.89	54.44										
24	54.89	54.43										
25	54.89	54.41										
26	54.85	54.40										
27	54.85	54.38										
28	54.83	54.37										
29	54.82											
30	54.81											
31	54.80											
TOTAL												

STEVEN'S RECORDER MAXIMUM WELL DEPTHS

STATION: WA55 (DISTANCE FROM SURFACE IN FEET) YEAR: 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1												17.41
2												↑
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20											17.17	
21											17.32	
22											17.39	
23											17.41	
24											↑	↓
25												17.41
26												17.32
27												16.90
28												16.64
29											↓	16.63
30											17.41	16.63
31												16.68
AVG.												

STEVEN'S RECORDER MAXIMUM WELL DEPTHS

STATION: WA55 (DISTANCE FROM SURFACE IN FEET) YEAR: 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	20.26	19.91	19.91									
2	20.39	↓	↓									
3	20.51	↓	↓									
4	20.58	↓	↓									
5	20.64	↓	↓									
6	20.78	↓	↓									
7	20.92	↓	↓									
8	20.93	↓	↓									
9	↓	↓	↓									
10	↓	↓	↓									
11	↓	↓	↓									
12	20.93	↓	19.91									
13	19.91	↓										
14	↓	↓										
15	↓	19.91										
16	↓	19.90										
17	↓	19.82										
18	↓	19.72										
19	↓	19.61										
20	↓	19.71										
21	↓	19.72										
22	↓	↓										
23	↓	↓										
24	↓	↓										
25	↓	19.72										
26	↓	19.82										
27	↓	19.90										
28	↓	19.91										
29	↓											
30	↓											
31	19.91											
TOTAL												

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2.2.1.4 Upper Aquifer Wells

Water levels for Upper Aquifer Wells for this reporting period are presented in Table 2.2.1.4-1. The deep well monitoring network is presented in Section 2.2.1.4, Figure 2.2.1.4-1.

In wells required under the Water Augmentation Plan (WAP), levels data are presented in Table 2.2.1.4-2. Regarding well WX74, no data were available; WX75 has been substituted and data are included in Table 2.2.1.4-2.

Tables 2.2.1.4-3 and 2.2.1.4-4 presnet well levels data for wells which were recompleted during this report period. These tables separate the well stations by underground aquifer levels of UPC_1 and UPC_2.

Plots of WAP upper aquifer well levels are presented in this section, to reference these plots see Table 2.2.1.4-5. Plots for Upper Aquifer well levels monitored on and around C-b tract are presented in Section 2.2.1-6.

Stevens Recorder instrumentation for monitoring continuous water levels are operating at five upper aquifer well stations. Table 2.2.1.4-6 lists these wells and corresponding computer codes.

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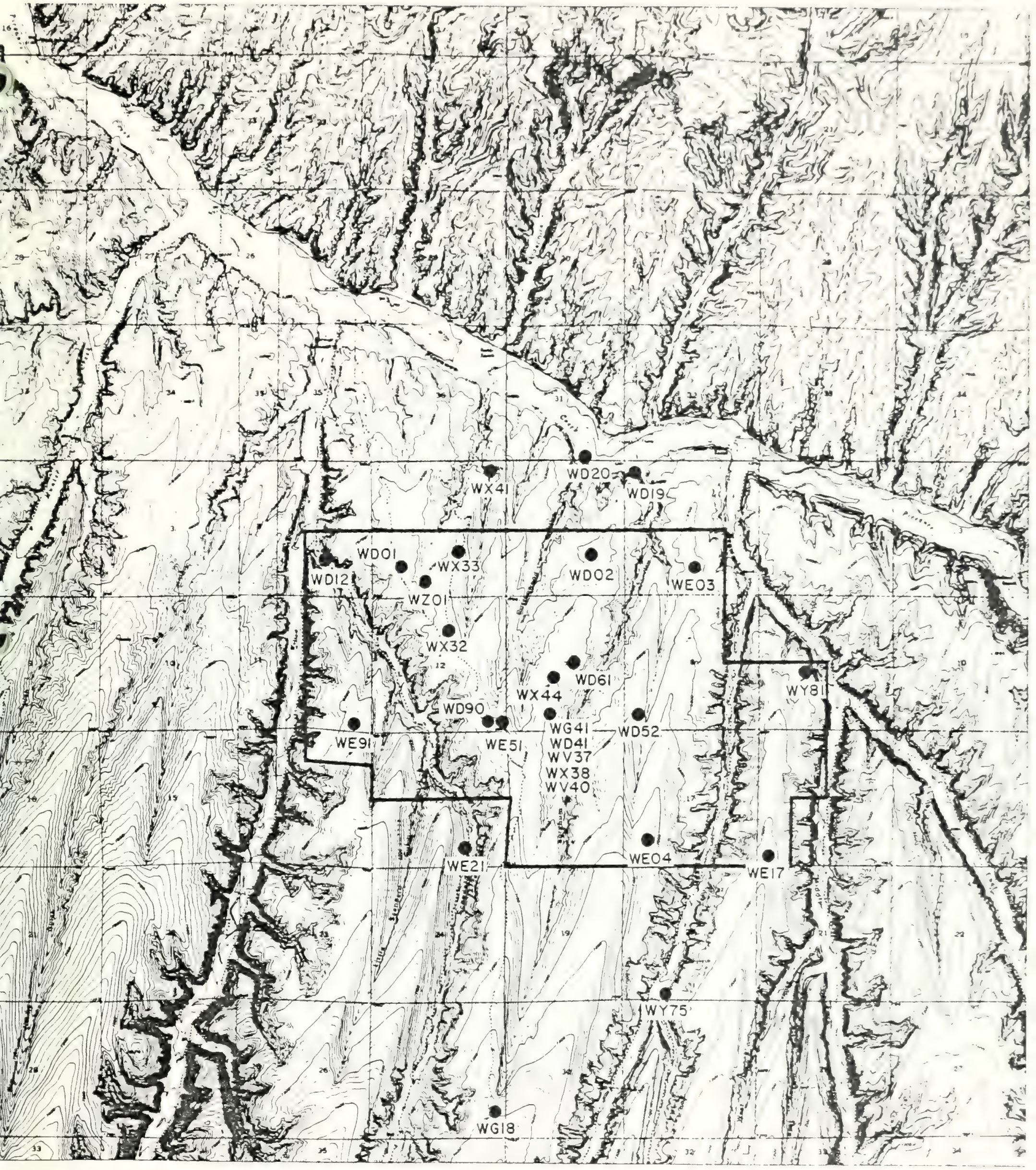

FIGURE 2.2.1.4-1

DEEP WELL MONITORING NETWORK
Cb TRACT

Table 2.2.1.4-2

CB-TRACT
WATER LEVELS IN UPPER AQUIFER WELLS
REQUIRED BY WATER AUGMENTATION PLAN
FOR SAMPLE DATE SHOWN

		WELL ID - MEASURING POINT ELEVATION (FT)							
		WX64	WX65	WX67	WX69	WX71	WX72	WX73	WX75
YR	MO	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)
80	11	6763	6332	6308	6897	FLWNG	6761	7647	7512
	12	6763	6332	6308	6898	FLWING	6760	7647	7513
81	1	6764	6332	6308	6898	FLWING	6760	7647	7513
	2	6764	6331	6308	6898	FLWING	6760	7647	7513
	3	6765	6333	6308	6898	FLWING	6760	7647	7513
	4	6765	6331	6308	6898	FLWING	6760	7647	7513
	5	6765	6331	6308	6898	FLWING	6760	7647	7513

PLUGGD = WELL PLUGGED
DRY = WELL DRY
FLWING = WELL FLOWING
INACCS = WELL INACCESSABLE

Table 2.2.1.4-3

CB-TRACT
WATER LEVELS
UPPER PARACHUTE - CREEK 1
FOR SAMPLE DATE SHOWN

YR	MO	WD01 ELEV (FT)	WD02 ELEV (FT)	WD11 ELEV (FT)	WD12 ELEV (FT)	WD14 ELEV (FT)	WD15 ELEV (FT)	WD17 ELEV (FT)	WD18 ELEV (FT)	WD19 ELEV (FT)
80	11	6265	6345							
	12	6272	6355	INACSS	6327			6663	6915	6336
81	1	6224	6342			6470	6526	6661	6914	6336
	2	6171	6342	6322	6325	6465	6519	6662	6917	6337
	3	6223	6342	6322	6324	6462	6514	6662	6917	6337
	4	6169	6345	6323	6326	6497	6515	6662	6917	6338
	5	6164	6341	6324	6326	6491	6518	6662	6917	6339

PLUGGD = WELL PLUGGED
DRY = WELL DRY
FLWING = WELL FLOWING
INACCS = WELL INACCESSABLE

Table 2.2.1.4-3 (cont.)

CB-TRACT
WATER LEVELS
UPPER PARACHUTE - CREEK 1
FOR SAMPLE DATE SHOWN

YR	MO	WD20 ELEV (FT)	WD21 ELEV (FT)	WD41 ELEV (FT)	WD51 ELEV (FT)	WD52 ELEV (FT)	WD57 ELEV (FT)	WD61 ELEV (FT)	WD90 ELEV (FT)	WD91 ELEV (FT)
80	11						6641			
	12	6235	6711		6660	6583	6639	6502	6603	6481
81	1	6228	6709	6490	6661	6581	6638	6499		6481
	2	6224	6708	6490	6661	6580	6641	6498	6603	6481
	3	6222	6707	6493	6664	6578	6640	6497	6604	6481
	4	6222	6709	6514		6583	6640	6499	6617	6483
	5	6224	6709	6510	6694	6584	6641	6502	6626	6485

PLUGGED = WELL PLUGGED
DRY = WELL DRY
FLWING = WELL DRY
INACCS = WELL INACCESSABLE

Table 2.2.1.4-4

CB-TRACT
WATER LEVELS
UPPER PARACHUTE - CREEK 2
FOR SAMPLE DATE SHOWN

YR	MO	WE03 ELEV (FT)	WE04 ELEV (FT)	WE11 ELEV (FT)	WE17 ELEV (FT)	WE18 ELEV (FT)	WE20 ELEV (FT)	WE21 ELEV (FT)	WE41 ELEV (FT)	WE51 ELEV (FT)	WE52 ELEV (FT)	WE61 ELEV (FT)	WE91 ELEV (FT)
80	11	6308	6643										
	12	6295	6646	6307	6624	6916	FLWING	6709		6399	6515	6502	6450
81	1	6292	6649	6320	6581	6915	FLWING	6707		6468	6508	6499	6449
	2	6285	6651	6318	6610	6917	6355	6706		6486	6510	6498	6450
	3	6282	6652	6318	6594	6917	6352	6705		6495	6505	6497	6450
	4	6279	6654	6318	6599	6917	6336	6707		6553	6542	6499	6460
	5	6280	6655	6319	6601	6916		6707	6480	6560	6529	6502	6460

PLUGGD = WELL PLUGGED
DRY = WELL DRY
FLWING = WELL FLOWING
INACCS = WELL INACCESSABLE

TABLE 2.2.1.4-5

PLOTS OF WAP LEVELS IN UPPER AQUIFER WELLS

Well No.	Computer Code	Page No.
TH75-5A	WX64	I-133
TH75-13A	WX65	I-134
TH75-18A	WX67	I-135
TH75-9A	WX69	I-136
TH75-15A	WX72	I-137
UNION 8-1	WX73	I-138
TH-5	WX75	I-139

STATISTICAL ANALYSIS SYSTEM

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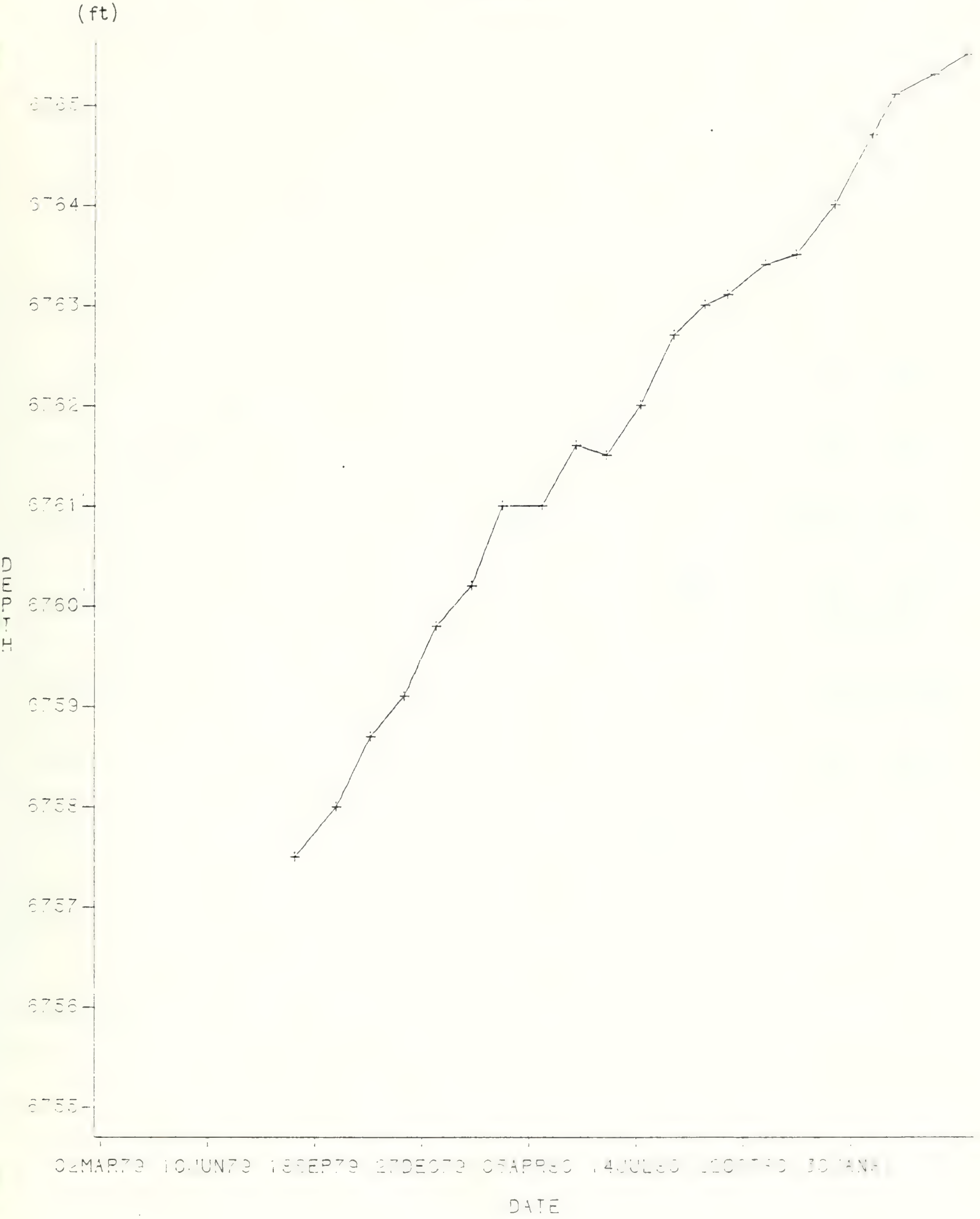

STATISTICAL ANALYSIS SYSTEM

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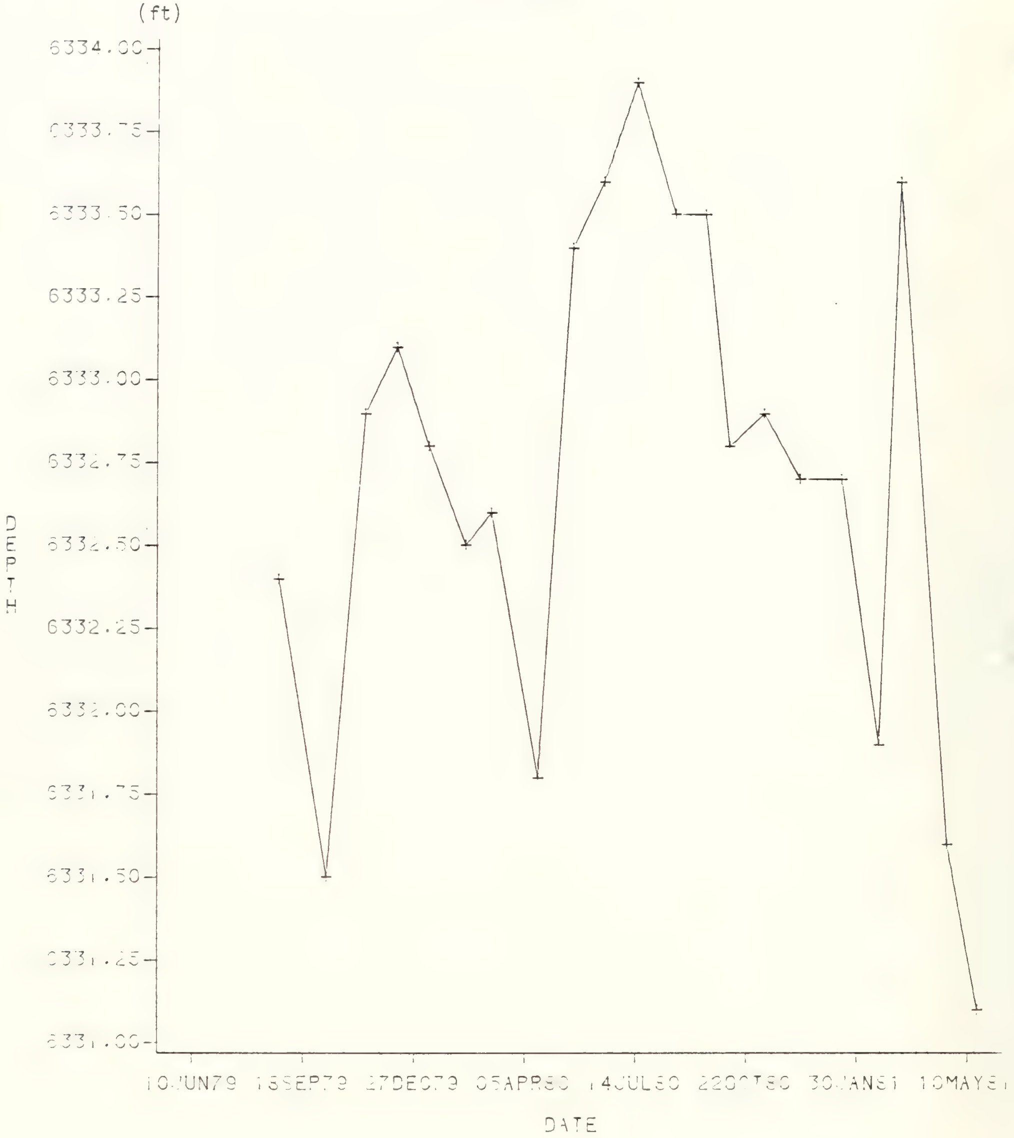

STATISTICAL ANALYSIS SYSTEM

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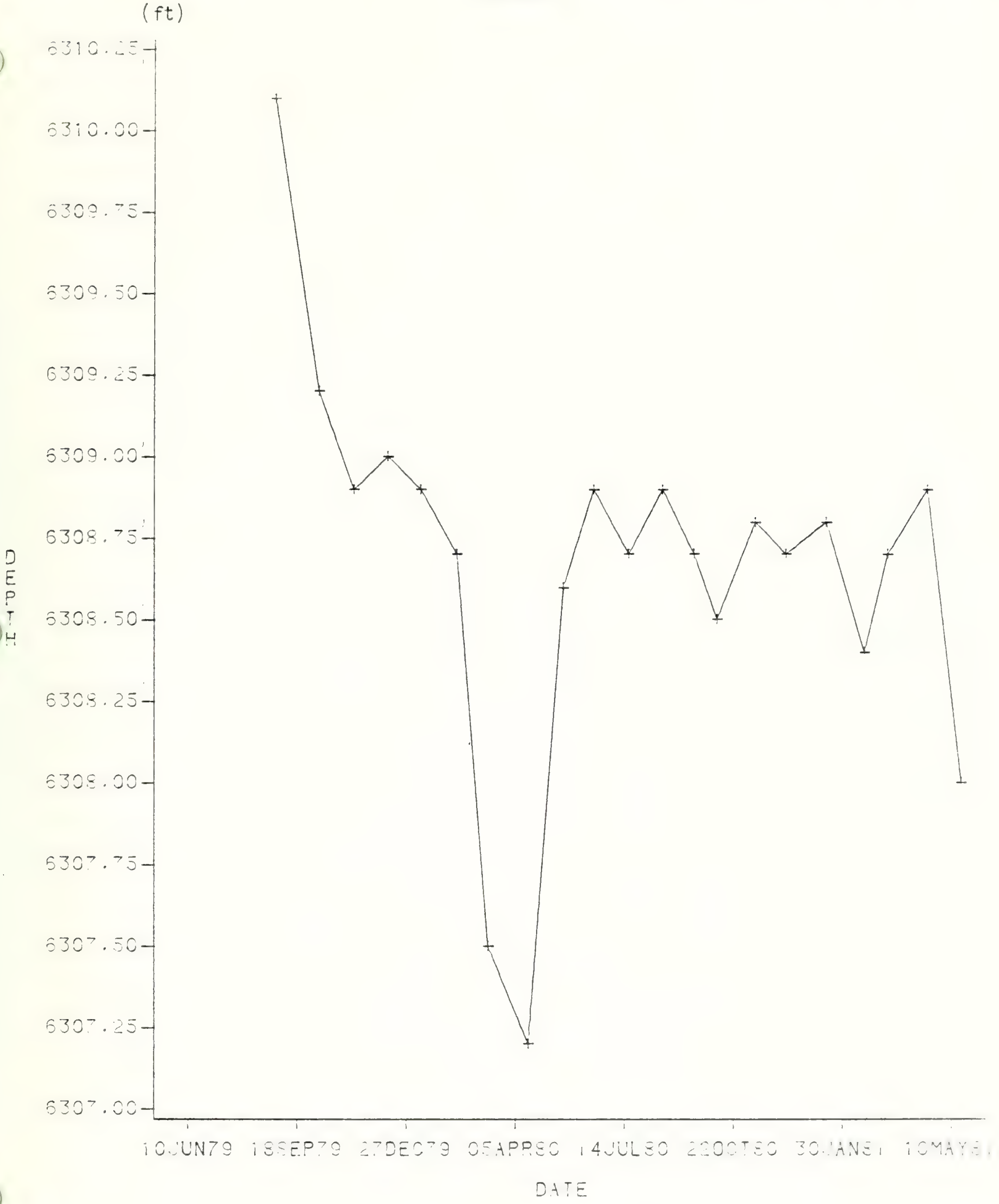

STATISTICAL ANALYSIS SYSTEM

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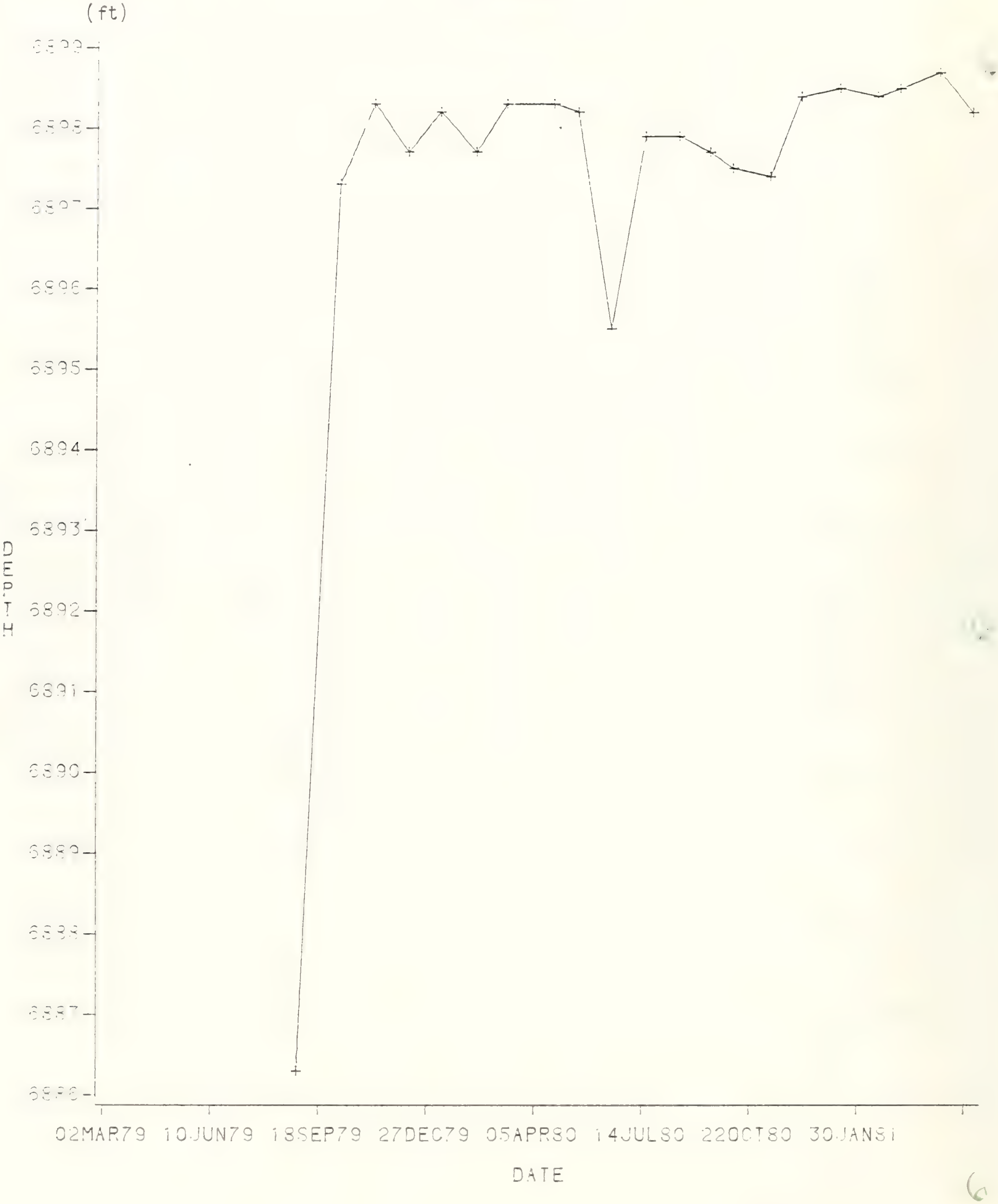

6

STATISTICAL ANALYSIS SYSTEM

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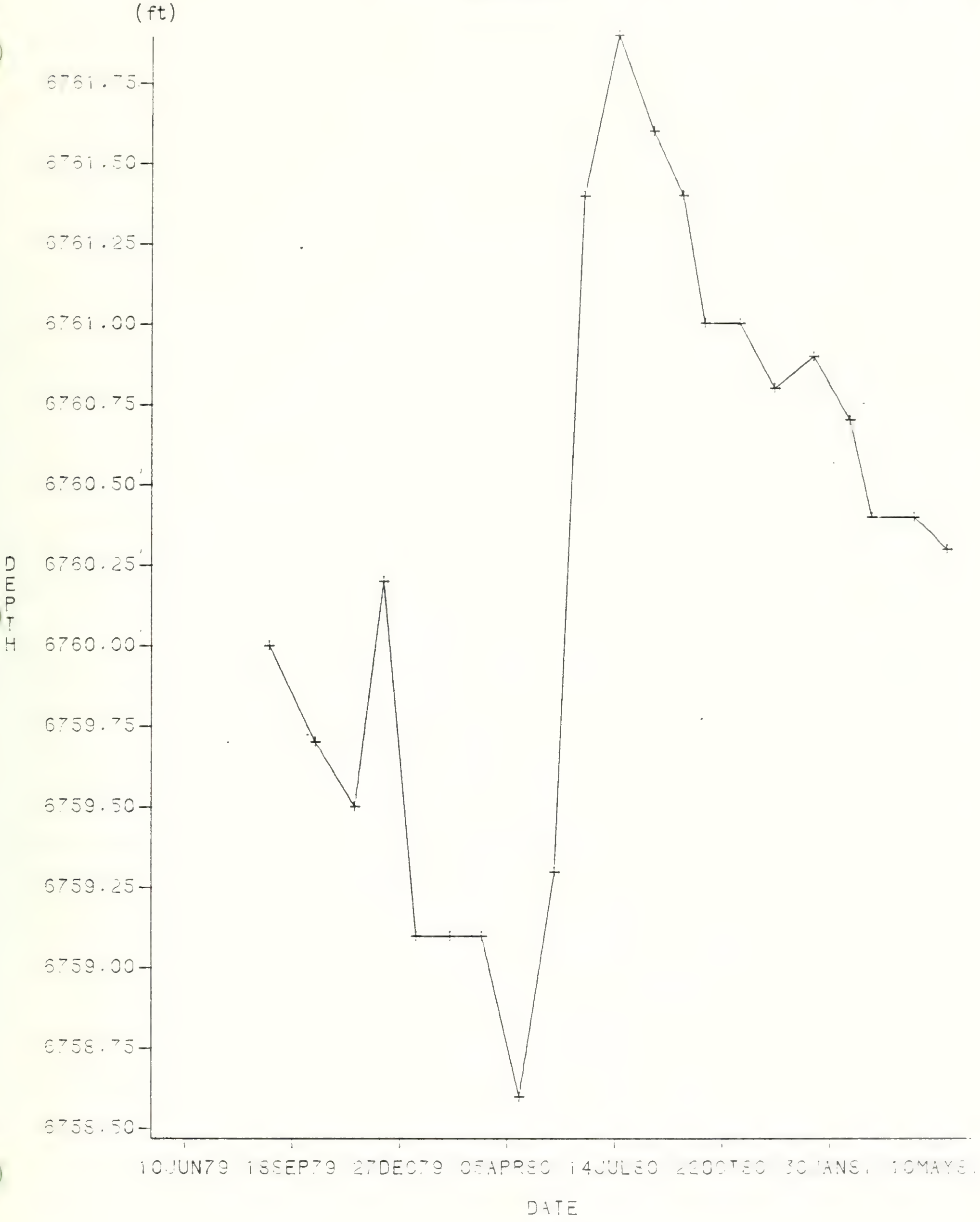

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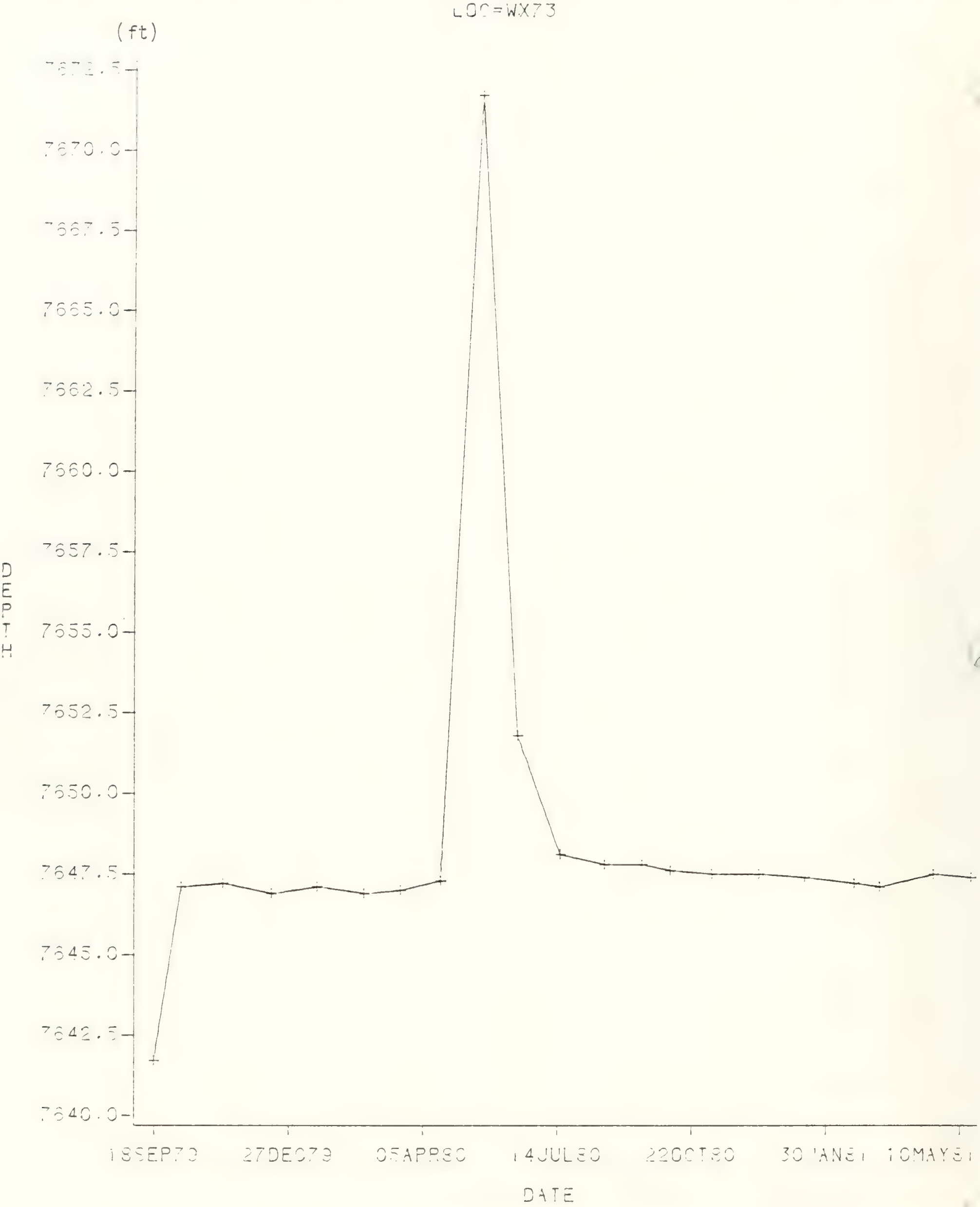

STATISTICAL ANALYSIS SYSTEM

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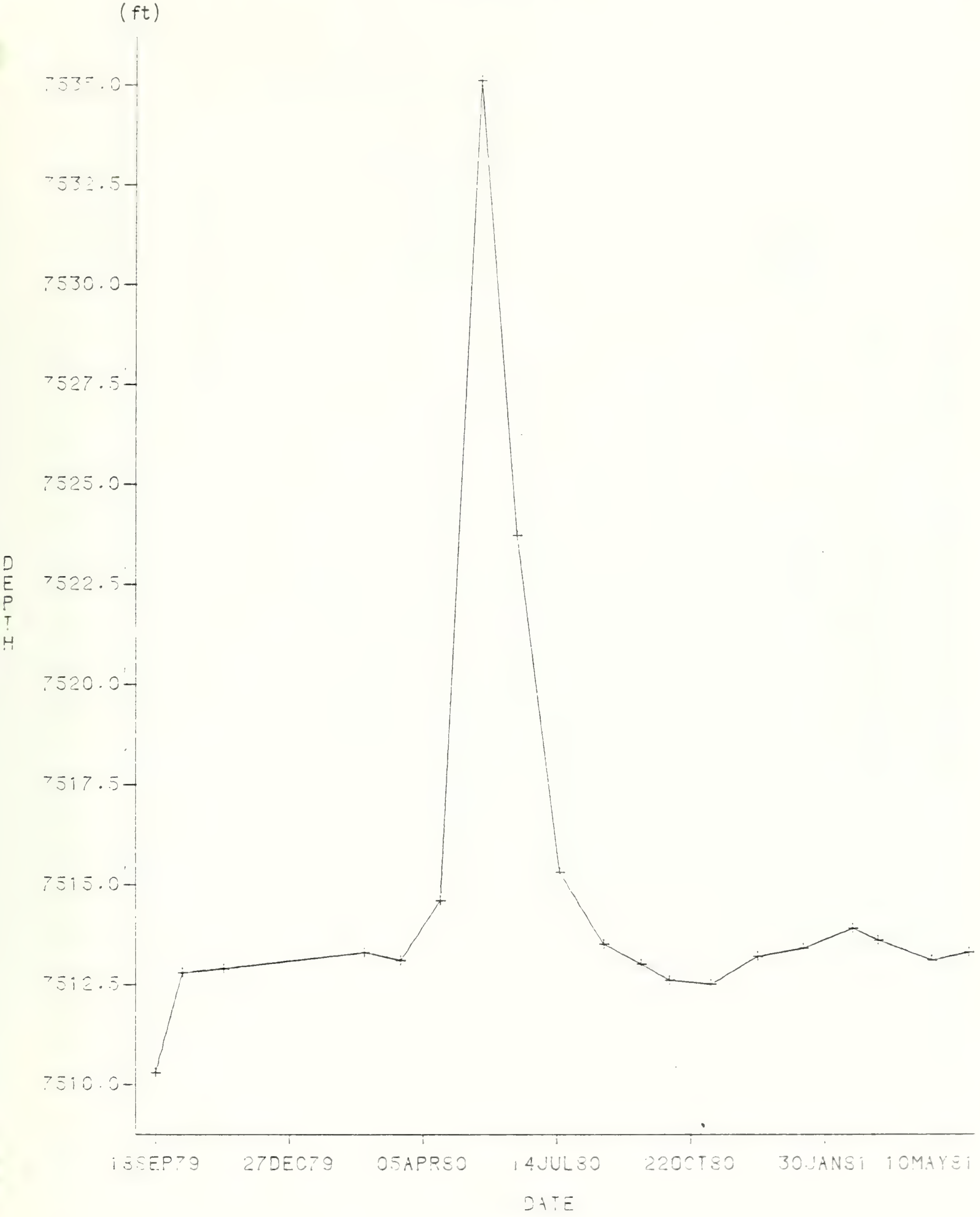

STEVEN'S RECORDER MAXIMUM WELL DEPTHS
(DISTANCE FROM SURFACE IN FEET)

STATION: WD12

YEAR: 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	102.10	103.68	113.72									
2	102.11	103.65	113.73									
3	102.11	103.62	113.72									
4	102.11	103.60	113.73									
5	102.11	103.60	113.75									
6	102.53	113.39	113.73									
7	102.52	113.41	113.86									
8	102.51	113.41	113.91									
9	102.67	113.42	113.91									
10	102.71	113.42	113.91									
11	102.76	113.61	113.89									
12	102.82	113.73	113.88									
13	102.83	113.79										
14	102.84	113.79										
15	102.84	113.70										
16	103.01	113.68										
17	103.14	113.72										
18	103.15	113.73										
19	103.16	113.74										
20	103.22	113.67										
21	103.27	113.74										
22	103.31	113.76										
23	103.26	113.76										
24	103.22	113.68										
25	103.18	113.65										
26	103.22	113.64										
27	103.27	113.71										
28	103.30	113.72										
29	103.39											
30	103.39											
31	103.41											
TOTAL												

STEVEN'S RECORDER MAXIMUM WELL DEPTHS

STATION: WD19 (DISTANCE FROM SURFACE IN FEET) YEAR: 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												48.02
AVG.												

STEVEN'S RECORDER MAXIMUM WELL DEPTHS

STATION: WD19 (DISTANCE FROM SURFACE IN FEET) YEAR: 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	47.99	47.39	46.79	46.76	45.09							
2	47.96	47.36	46.78	46.63	44.99							
3	47.95	47.28	46.65	46.61	45.00							
4	47.93	47.27	46.67	46.81	45.52							
5	47.92	47.23	46.70	46.83	45.41							
6	47.92	47.03	46.78	46.62	45.26							
7	47.89	47.04	46.74	46.51	44.79							
8	47.82	47.03	46.71	46.57	44.82							
9	47.85	46.89	46.70	46.54	44.85							
10	47.88	47.09	46.81	46.48	44.96							
11	47.88	47.11	46.84	46.43	44.78							
12	47.82	47.17	46.83	46.41	44.74							
13	47.72	47.15	46.80	46.41	44.78							
14	47.71	47.13	46.83	46.41	44.70							
15	47.65	47.01	46.91	46.31	44.52							
16	47.71	46.99	46.90	46.24	44.52							
17	47.72	46.99	46.79	46.16	44.64							
18	47.70	47.03	46.83	46.07	44.68							
19	47.66	46.95	46.83	46.03	44.43							
20	47.58	46.90	46.66	46.03	44.55							
21	47.57	46.95	46.83	45.96	44.43							
22	47.56	46.97	46.86	45.96	44.29							
23	47.44	46.87	46.83	45.90	44.16							
24	47.35	46.73	46.81	45.80	44.02							
25	47.31	46.74	46.81	45.70	43.85							
26	47.30	46.79	46.64	45.01	43.69							
27	47.30	46.84	46.61	45.15	43.47							
28	47.27	46.82	46.63	45.16	43.24							
29	47.33		46.64	45.12								
30	47.26		46.68	45.14								
31	47.27		46.76									
TOTAL												

STEVEN'S RECORDER MAXIMUM WELL DEPTHS

(DISTANCE FROM SURFACE IN FEET)

STATION: WX32

YEAR: 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	RF	782.88	790.11	789.04	781.04	IM						
2		783.28	790.12	789.27	780.43							
3		783.34	790.38	789.26	780.99							
4		783.59	790.56	789.04	784.28	↓						
5		783.60	790.62	789.03	784.28	IM						
6		785.58	790.62	788.16	784.28							
7	↓	785.64	790.51	788.15	777.00							
8	RF	785.88	790.87	788.15	778.98							
9	782.49	785.94	790.95	787.05	778.32							
10	782.57	786.32	790.94	786.50	778.32							
11	782.69	786.87	790.95	786.51	775.19							
12	782.92	787.05	791.06	786.52	775.77							
13	783.19	787.27	791.00	786.52	775.76							
14	783.36	787.29	791.02	786.52	775.56							
15	783.74	787.29	791.02	786.95	768.90							
16	783.98	787.62	791.02	786.95	IM							
17	784.13	788.00	790.01	784.43								
18	784.14	788.33	790.33	783.82								
19	784.14	788.39	790.33	784.09								
20	784.14	788.64	790.34	784.37								
21	784.15	788.81	790.34	784.37								
22	784.15	789.01	790.34	784.28								
23	784.15	789.24	789.63	780.08								
24	784.13	789.41	789.65	780.08								
25		789.42	789.66	780.13								
26	↓	789.95	789.61	780.13								
27	782.36	789.96	789.60	779.06								
28	782.36	789.96	788.46	778.99								
29	782.36		788.48	781.05								
30	782.55		788.48	781.05	↓							
31	782.71		787.72		IM							
TOTAL												

STEVEN'S RECORDER MAXIMUM WELL DEPTHS

STATION: WX33 (DISTANCE FROM SURFACE IN FEET) YEAR: 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1									514.26	544.74	534.10	
2									514.26	544.74	534.11	
3									512.08	520.50	534.21	
4									512.93	520.50	534.25	
5									513.98	520.74	534.63	
6									514.04	522.08	534.86	
7									514.04	531.89	534.85	
8									514.04	536.11	536.56	
9									514.52	536.12	536.76	
10									515.14	503.15	537.28	
11									515.55	538.15	539.12	
12									516.78	IM		
13									517.25	↑		
14									517.85			
15								515.70	518.05			
16								521.20	518.50			
17								522.91	522.42			
18								522.90	522.43	↓		
19								522.90	519.55	IM		
20								522.90	522.15	533.67		
21								522.90	522.15	533.77		
22								522.90	522.56	533.94		
23								522.91	527.56	534.31		
24								522.91	527.56	534.42		
25								522.91	527.80	534.16		
26									544.74	534.16		
27									544.74	534.16		
28								510.65	544.74	534.17		
29								511.85	544.74	534.24		
30								512.81	544.74	534.31		
31								513.56		534.31		
TOTAL												

STEVEN'S RECORDER MAXIMUM WELL DEPTHS

STATION: WX38 (DISTANCE FROM SURFACE IN FEET) YEAR: 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					409.02	414.84						
2					411.79	414.83						
3					414.33	IM						
4					416.39	IM						
5					418.07							
6					419.61							
7					420.91							
8					422.28							
9					423.32							
10					424.13							
11					425.12							
12					426.07							
13					426.87							
14					427.44							
15					428.09							
16				406.37	428.85							
17				405.90	429.60							
18				405.31	430.19							
19				404.80	430.73							
20				404.46	430.88							
21				404.02	428.01							
22				403.63	426.71							
23				403.38	422.24							
24				403.06	423.87							
25				402.92	425.38							
26				403.15	426.37							
27				403.55	426.24							
28				403.74	422.17							
29				404.00	419.84							
30				405.82	416.63							
31					414.84							
AVG.												

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2.2.1.5 Lower Aquifer Wells

Water levels of Lower Aquifer Wells for this reporting period are presented in Table 2.2.1.5-1. The deep well monitoring network is presented in Section 2.2.1.4, Figure 2.2.1.4-1.

Levels data are presented in Table 2.2.1.5-2 for fourteen Lower Aquifer monitoring wells. These wells are required by the Water Augmentation Plan (WAP).

Water levels for LPC underground aquifer levels of C-b Tract wells are presented in Table 2.2.1.5-3.

Plots of WAP lower aquifer well levels are presented in this section; to reference these plots see Table 2.2.1.5-4. Plots of Lower Aquifer well levels monitored on and around C-b Tract are present in section 2.2.1.6.

Stevens Recorder instrumentation for monitoring continuous water levels are operating at three lower aquifer well stations. Table 2.2.1.5-5 lists these wells and corresponding computer codes.

Table 2.2.1.5-1

CB-TRACT
WATER LEVELS IN LOWER AQUIFER WELLS FOR SAMPLE DATE SHOWN

		WELL ID-M.P. ELEV(FT)			
		WY44	WY45	WY46	WY81
YR	MO	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)
80	12		6414	6409	
81	1	6391	6393	6389	6511
	2	6455	6381	6377	6515
	3	6402	6406	6407	
	4	6498	6488	6496	
	5	6434	6435	6434	

PLUGGD = WELL PLUGGED
DRY = WELL DRY
FLWING = WELL FLOWING
INACCS = WELL INACCESSABLE

Table 2.2.1.5-2

CB-TRACT
WATER LEVELS IN LOWER AQUIFER WELLS
REQUIRED BY WATER AUGMENTATION PLAN
FOR SAMPLE DATE SHOWN

		WELL ID - MEASURING POINT ELEVATION (FT)												
		WY64	WY65	WY66	WY67	WY68	WY69	WY70	WY71	WY72	WY75	WY76	WY77	WY78
R	MO	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)	DEPT (FT)
0	11	6442	6312	6289	6235	6506	6885	6955	6572	6777	6770	6870	FLWNG	7081
	12	6441	6311	6289	6235	6506	6885	6954	6572	6777	6770	6870	FLWING	7081
1	1	6441	6312	6289	6234	6505	6883	6955	6572	6777	6770	6870	FLWING	7081
	2	6441	6312	6289	6234	6505	6884	6955	6572	6776	6770	6870	FLWING	7081
	3	6441	6312	6289	6235	6504	6885	6956	6572	6776	6770	6870	FLWING	7081
	4	6441	6312	FLWING	6234	6503	6885	6957	6572	6776	6771	6870	FLWING	7081
	5	6441	6312	FLWING	6234	6502	6885	6957	6572	6776	6771	6870	FLWING	7081

PLUGGD = WELL PLUGGED
DRY = WELL DRY
FLWING = WELL FLOWING
INACCS = WELL INACCESSABLE

Table 2.2.1.5-3

CB-TRACT
WATER LEVELS FOR LOWER PARACHUTE CREEK
FOR SAMPLE DATE SHOWN

		WG - LPD3							WH - LPC4			
YR	MO	WG12 ELEV (FT)	WG17 ELEV (FT)	WG18 ELEV (FT)	WG20 ELEV (FT)	WG21 ELEV (FT)	WG41 ELEV (FT)	WG51 ELEV (FT)	WG52 ELEV (FT)	WG61 ELEV (FT)	WG91 ELEV (FT)	WH21 ELEV (FT)
80	12	6310	6624	6852	6357	6709		6482	6523	6391	6395	6709
81	1		6535	6851	6357	6707	6390	6481	6513	6371	6384	6708
	2	6304	6560	6851	INACSS	6706	6378	6478	6511	6358	6397	6706
	3	6300	6593	6851		6706	6409	6496	6508	6368	6393	6706
	4	6295	6599	6851		6707	6499	6636	6503	6447	6388	6707
	5	6290	6600	6851		6707	6437	6641	6503	6433	6388	6707

PLUGGD = WELL PLUGGED
DRY = WELL DRY
FLWING = WELL FLOWING
INACCS = WELL INACCESSABLE

TABLE 2.2.1.5-4

PLOTS OF WAP LEVELS IN LOWER AQUIFER WELLS

Well No.	Computer Code	Page No.
		I-154
TH75-5B	WY64	I-155
TH75-13B	WY65	I-156
EQUITY-1	WY66	I-157
TH75-18B	WY67	I-158
TH75-10B	WY68	I-159
TH75-9B	WY69	I-160
EQUITY-SULFUR-1A	WY70	I-161
CER RB-D-03	WY71	I-162
TH75-15B	WY72	I-163
TG71-3	WY75	I-164
TG71-5	WY76	I-165
TG71-4	WY78	I-166

* WY09 was recompleted and replaced by WY10.
** WY10 was recompleted and replaced by WG10.

STATISTICAL ANALYSIS SYSTEM

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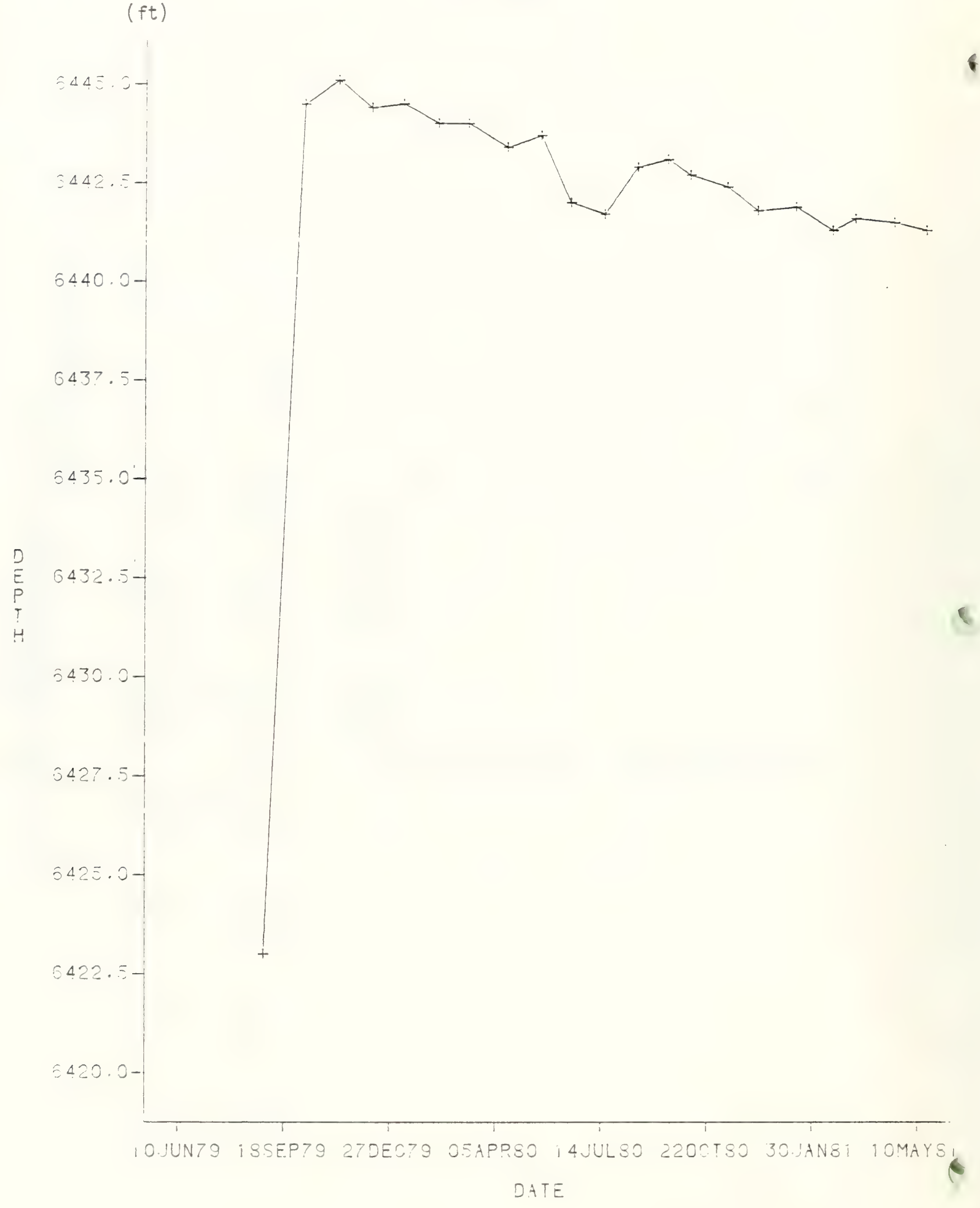

STATISTICAL ANALYSIS SYSTEM

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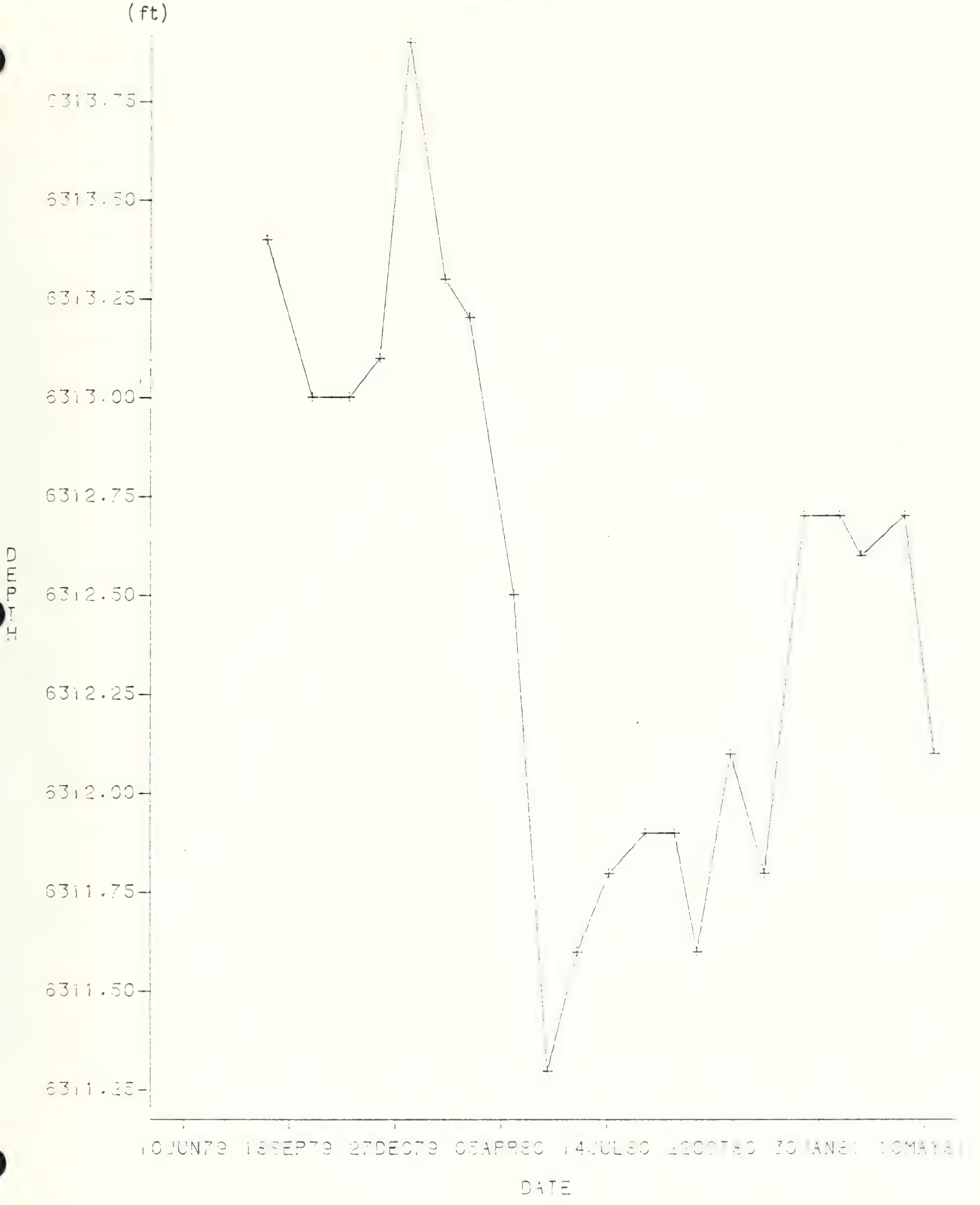

STATISTICAL ANALYSIS SYSTEM

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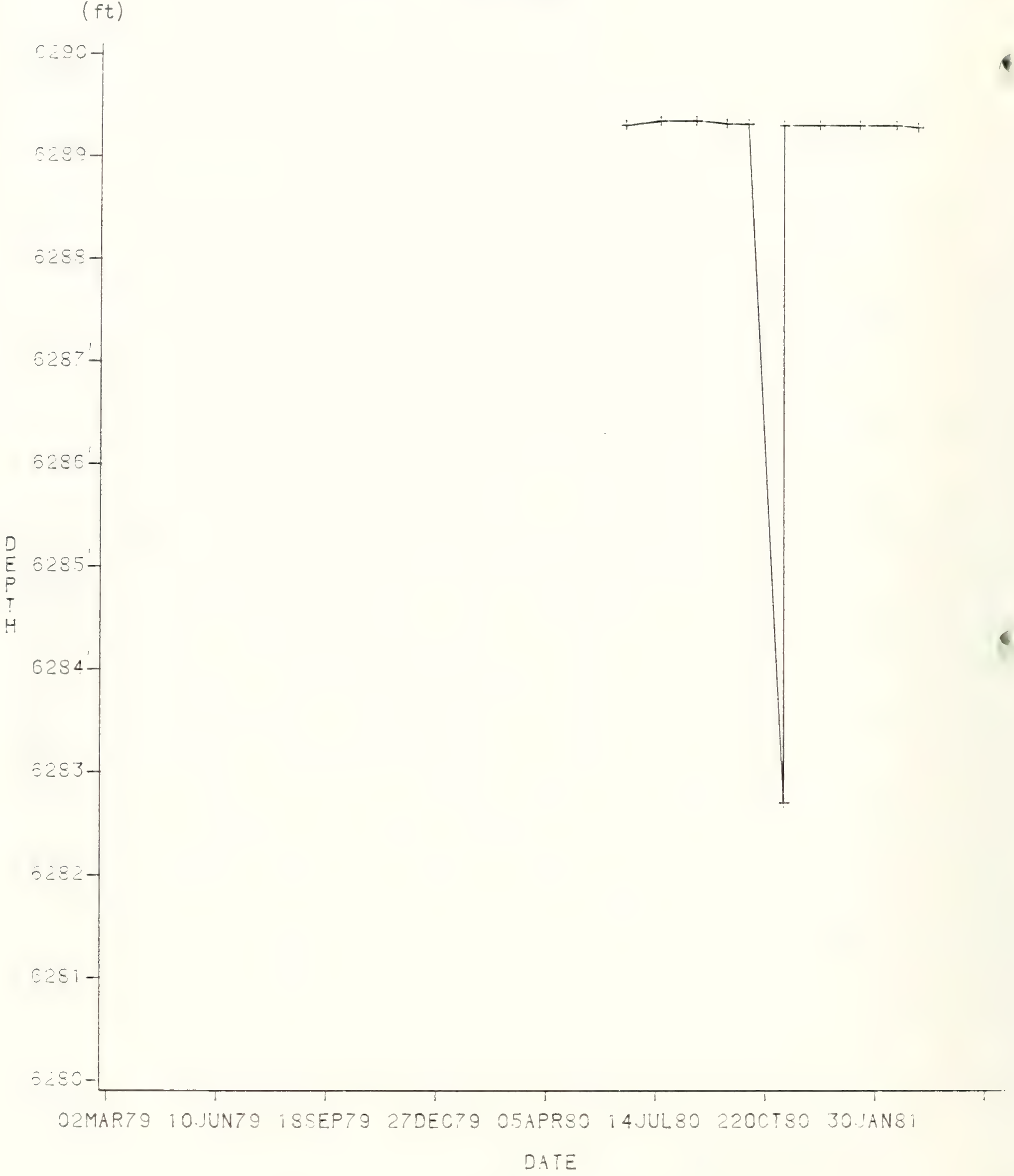

STATISTICAL ANALYSIS SYSTEM

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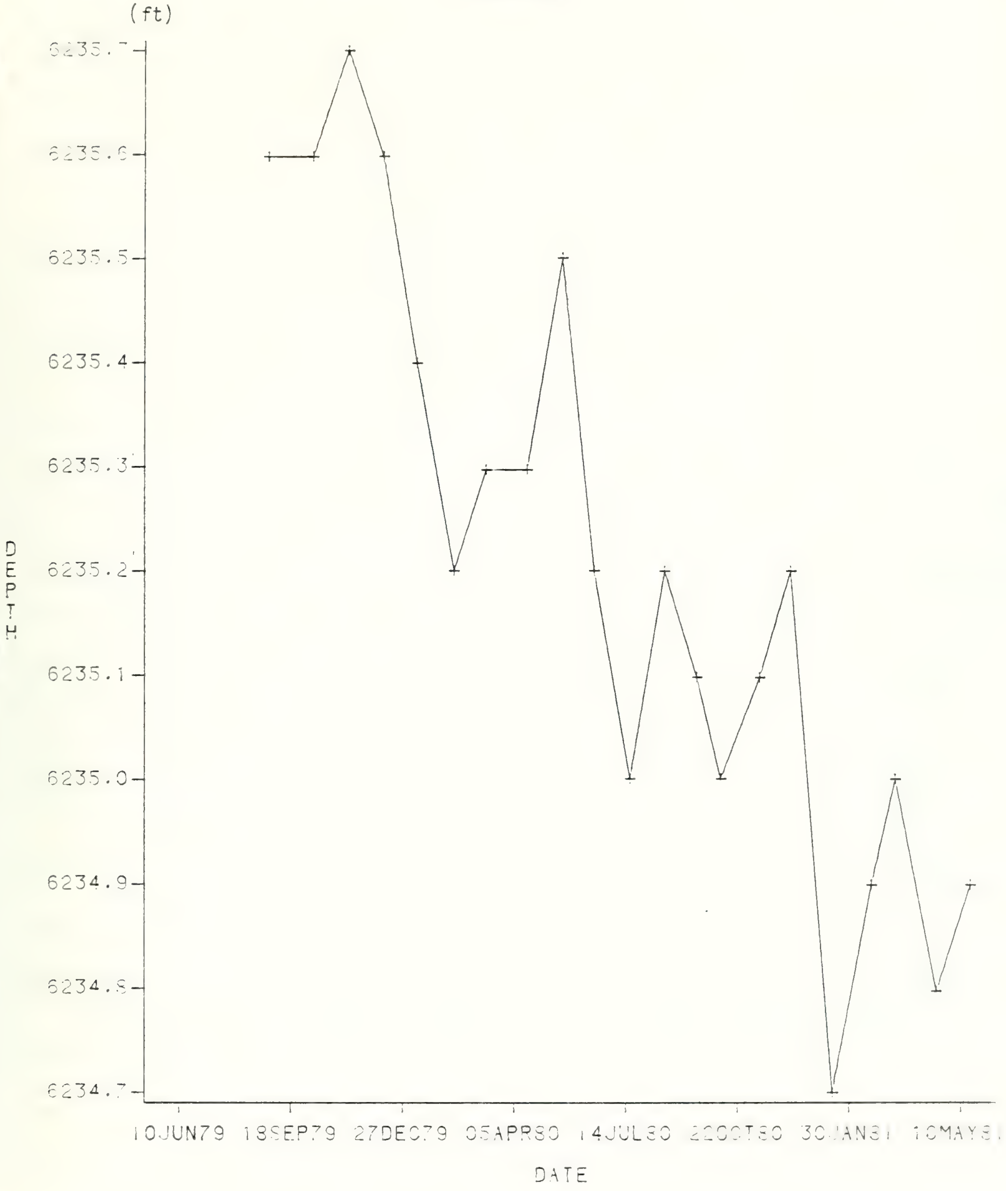

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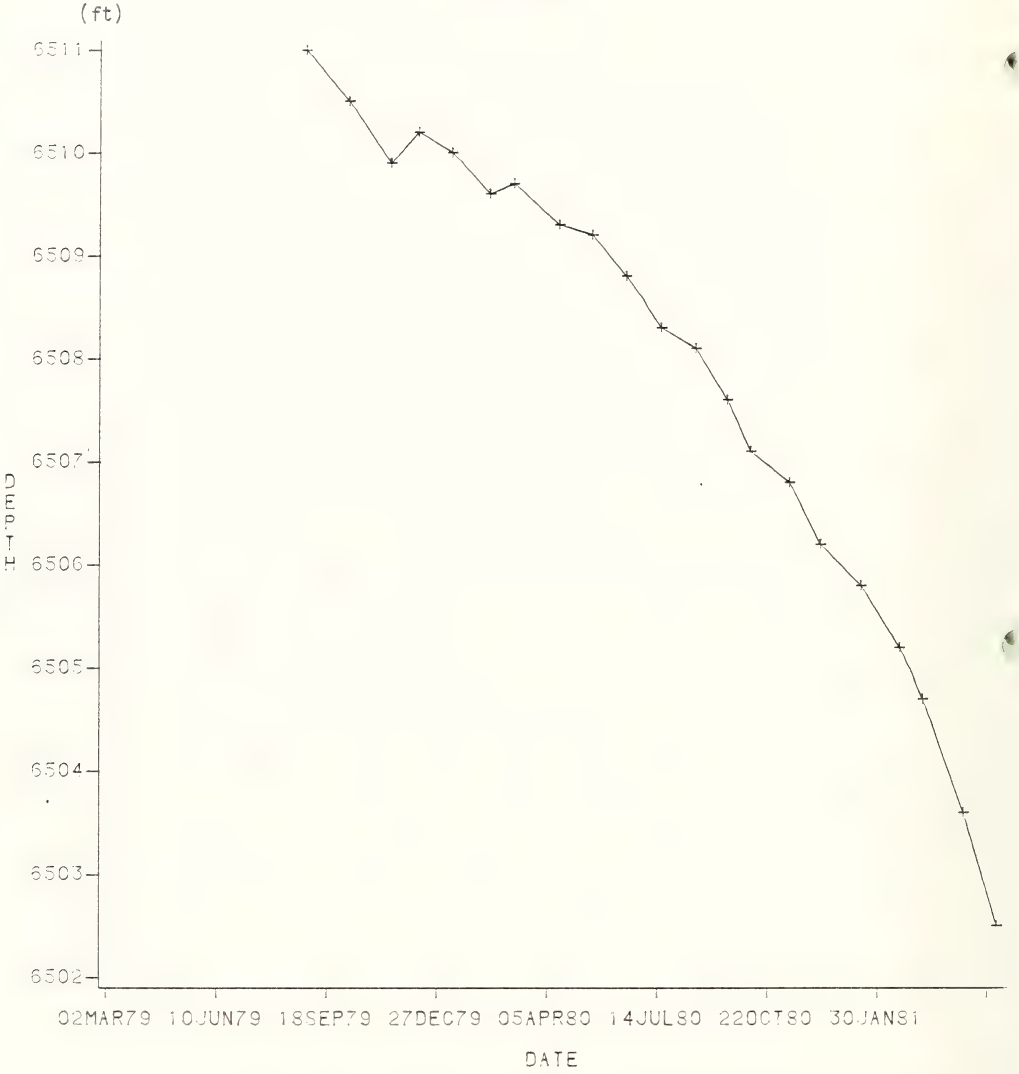
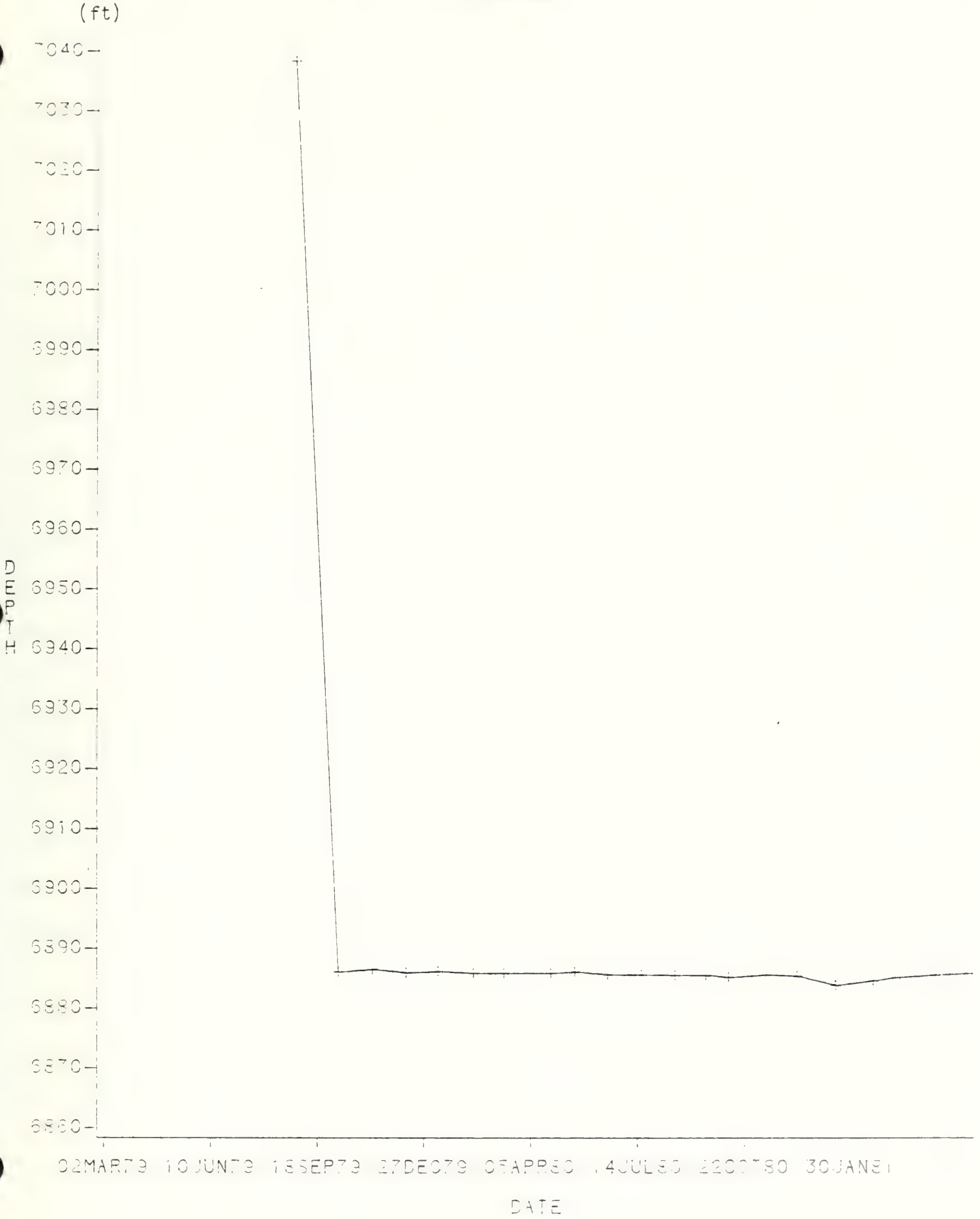

(ft)
6511
6510
6509
6508
6507
6506
6505
6504
6503
6502
DEPTH
02MAR79
10JUN79
18SEP79
27DEC79
05APR80
14JUL80
22OCT80
30JAN81
DATE

STATISTICAL ANALYSIS SYSTEM

LOC=WY63



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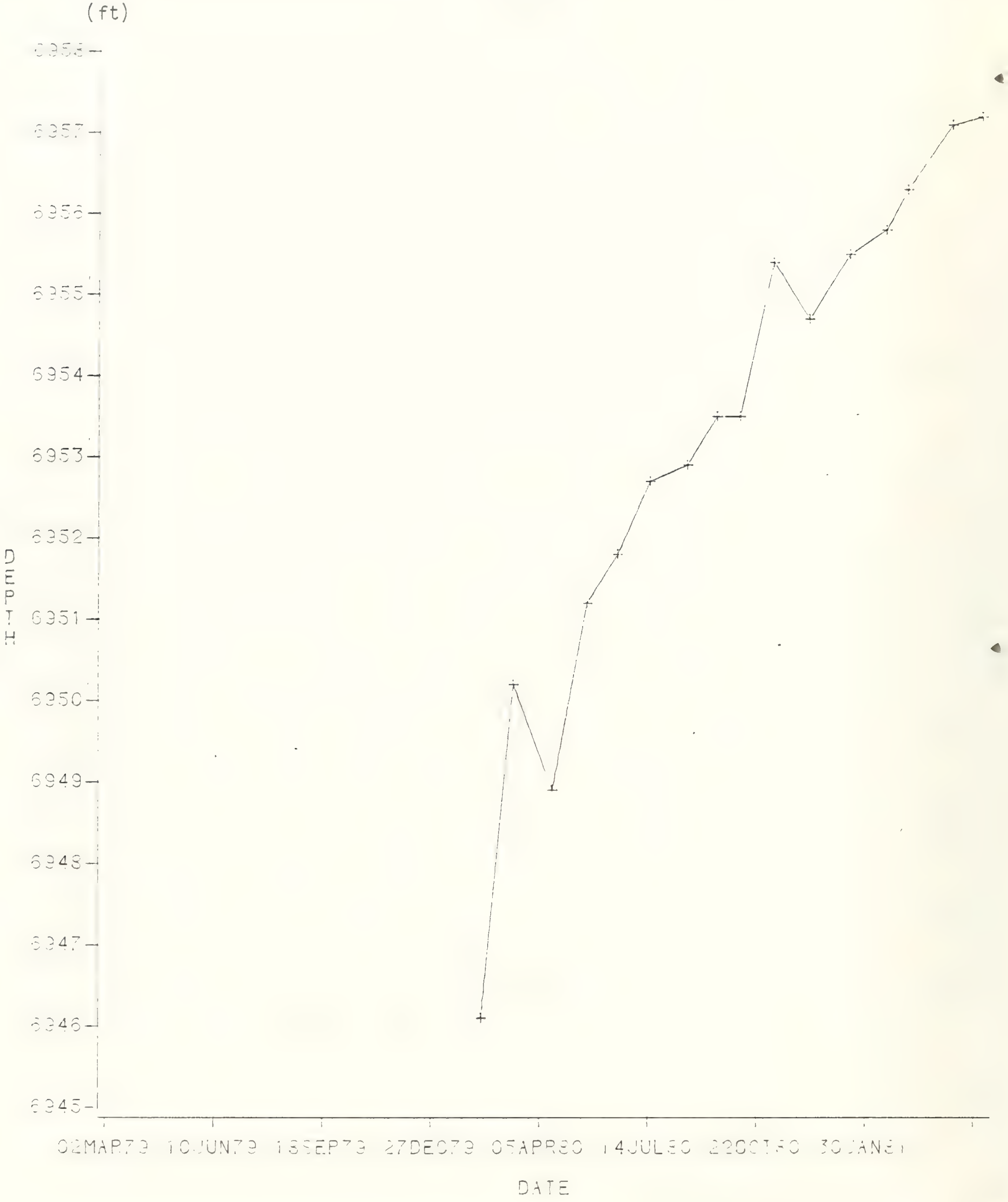
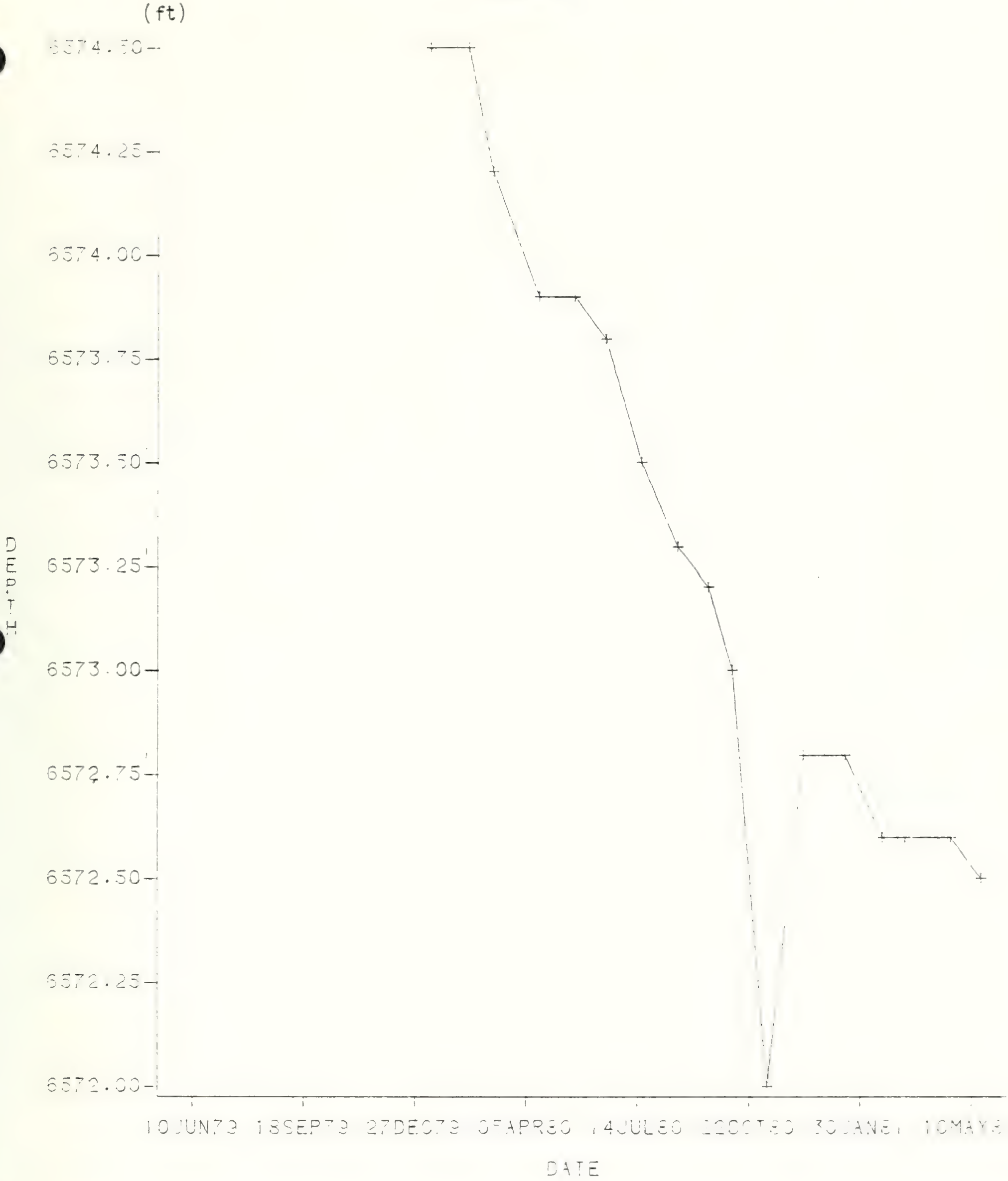
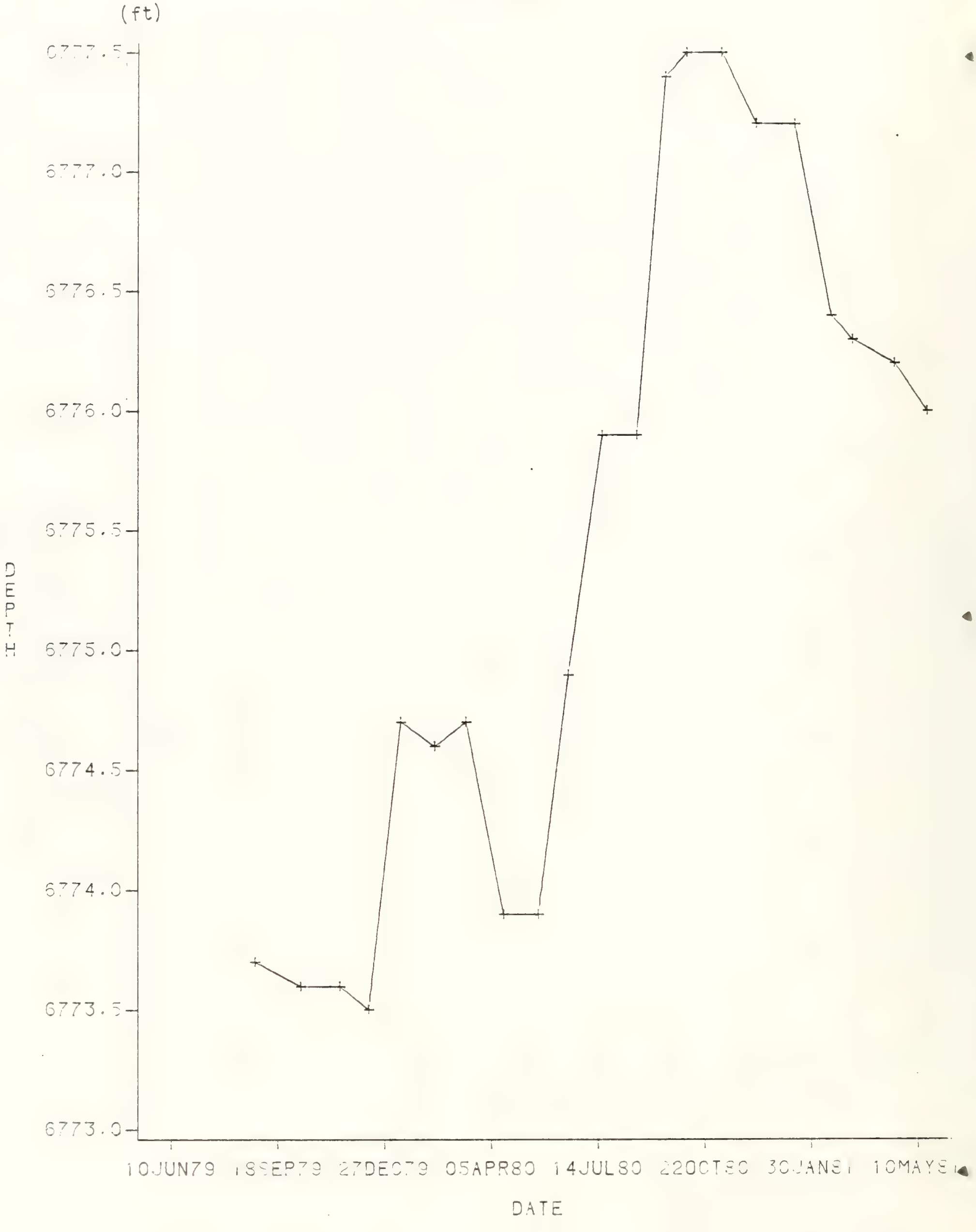


LOC=WY71


(ft)
6574.50
6574.25
6574.00
6573.75
6573.50
6573.25
6573.00
6572.75
6572.50
6572.25
6572.00
DEPTH
10JUN79
18SEP79
27DEC79
05APR80
14JUL80
22OCT80
30JAN81
10MAY81
DATE

STATISTICAL ANALYSIS SYSTEM

LOC=WY72



STATISTICAL ANALYSIS SYSTEM

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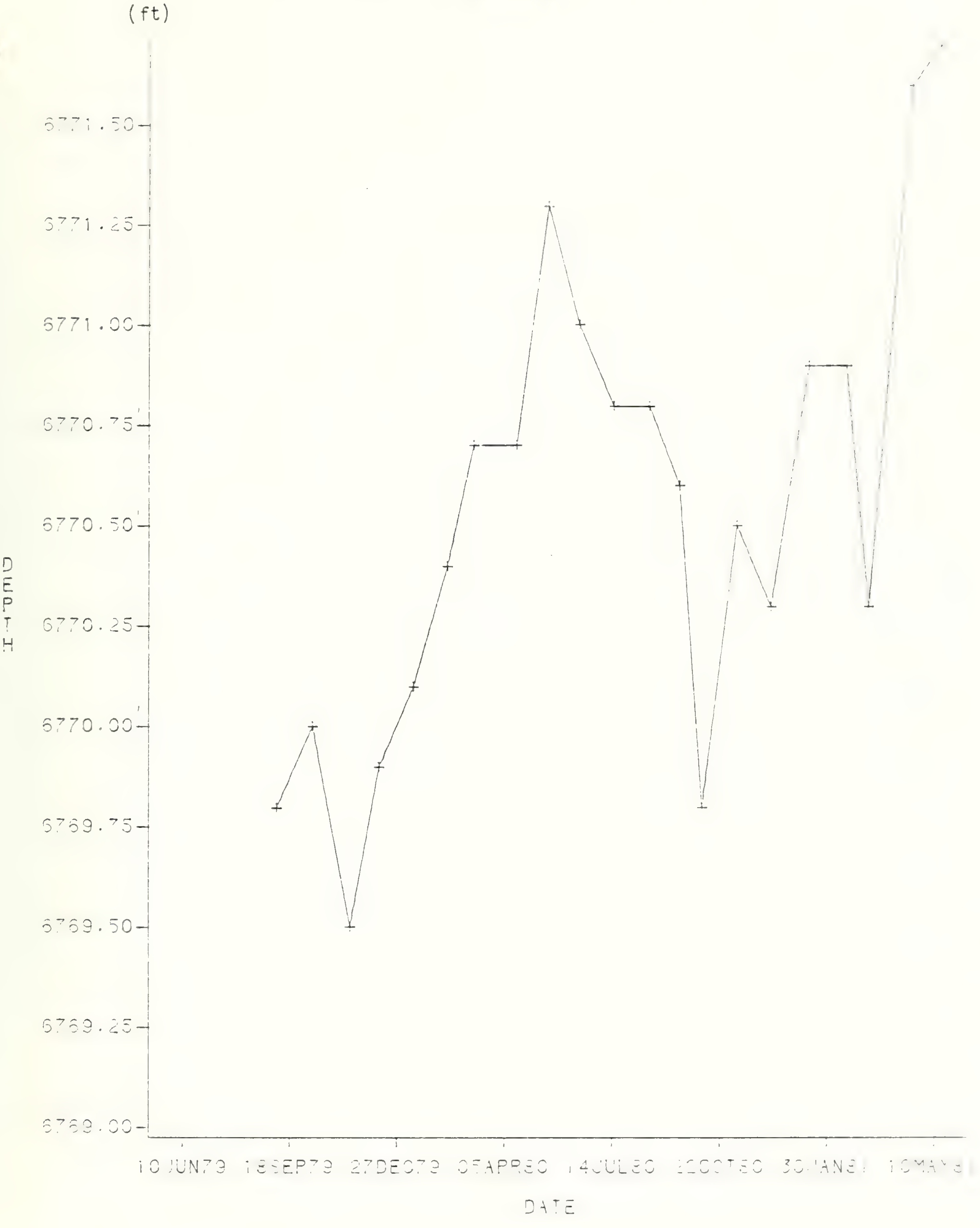

STATISTICAL ANALYSIS SYSTEM

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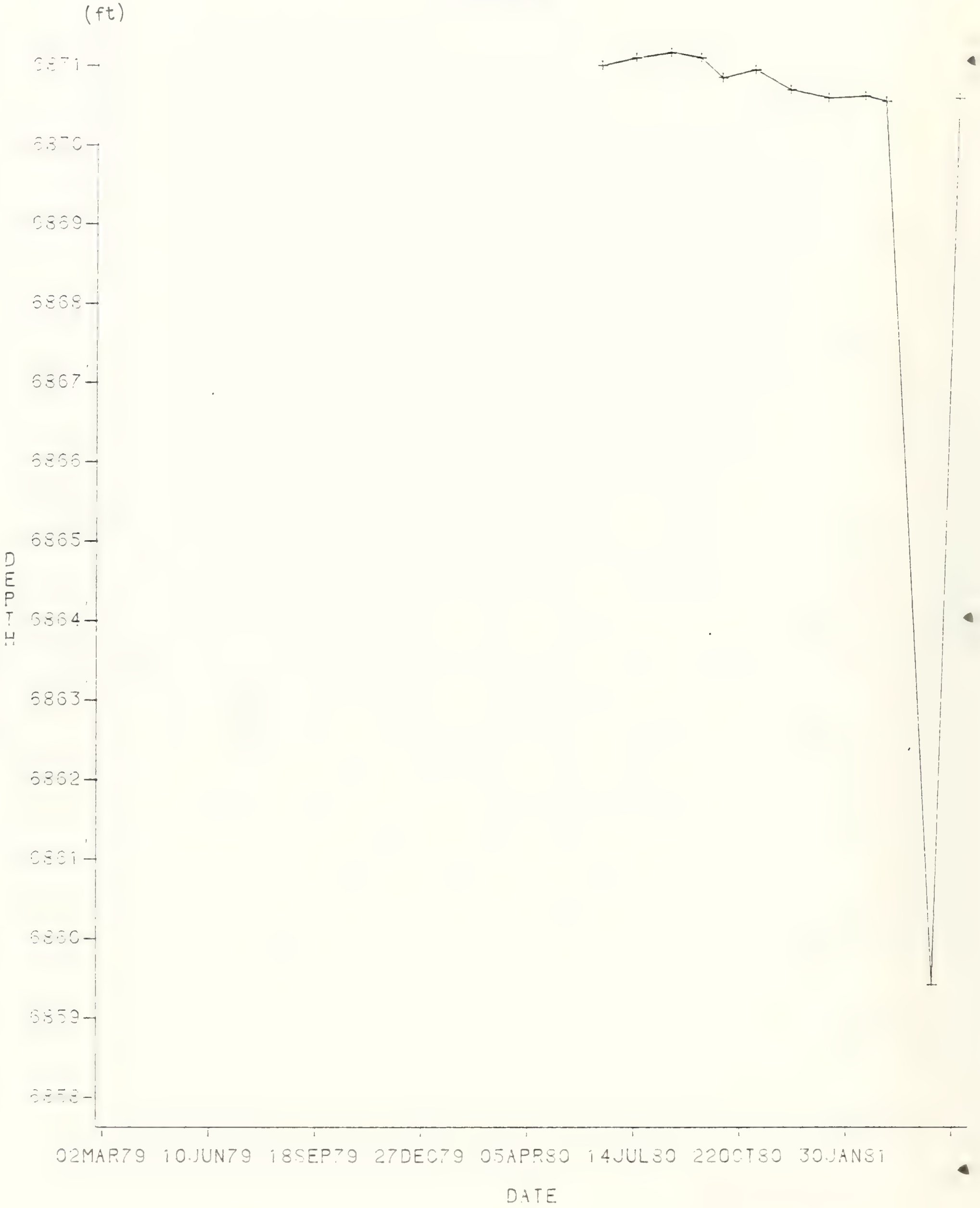

LOC=WY78

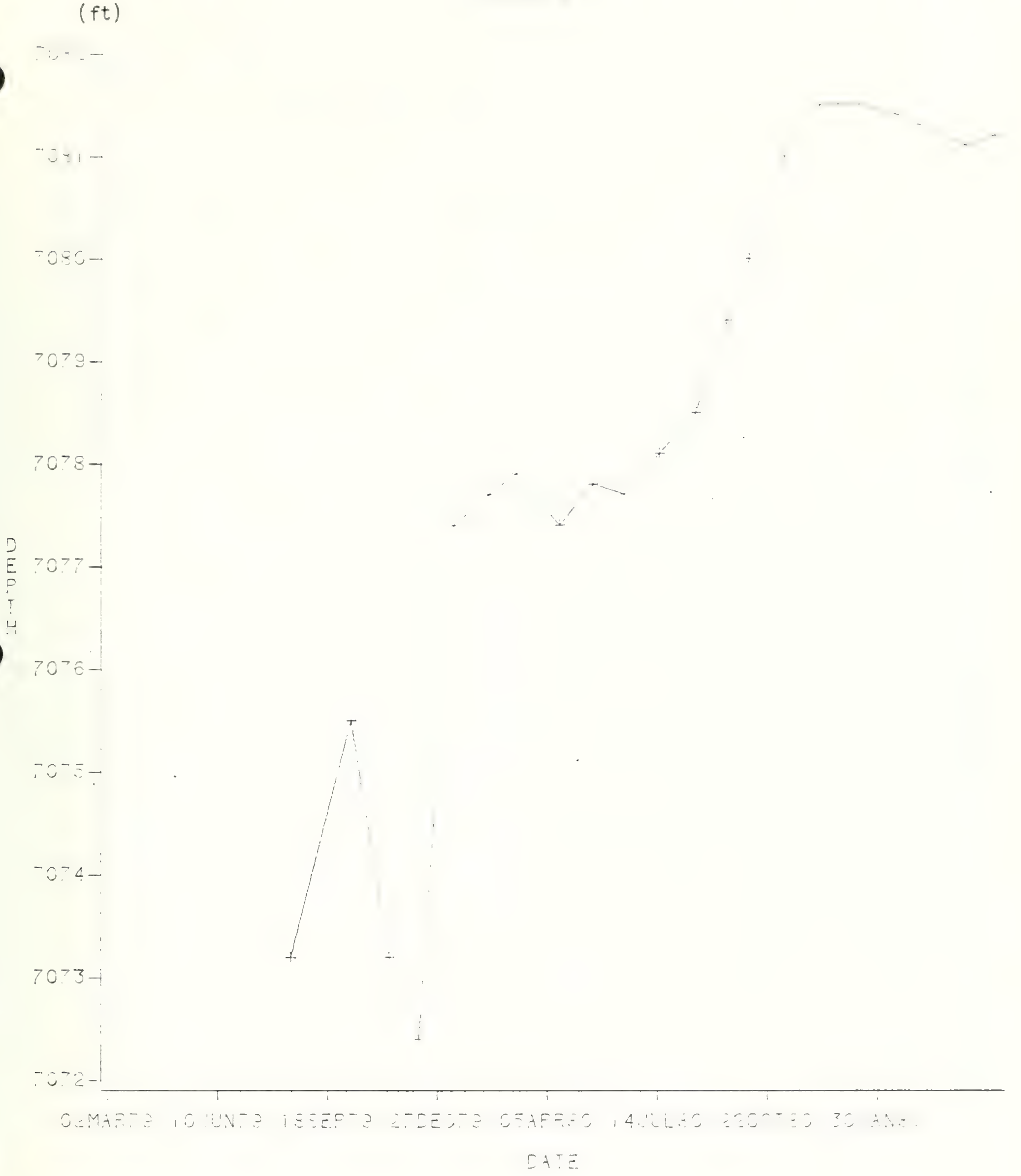
(ft)
DEPTH
7082
7081
7080
7079
7078
7077
7076
7075
7074
7073
7072
02MAR79
10JUN79
18SEP79
27DEC79
05APR80
14JUL80
22OCT80
30JAN81
DATE

TABLE 2.2.1.5-5

STEVENS RECORDER DAILY WATER LEVELS FOR LOWER AQUIFER WELLS

Well No.	Computer Code	Page No.
SG-1-1	WG12	I-167
SG-10	WD90	I-169
AT-1	WY44	I-171

STEVEN'S RECORDER MAXIMUM WELL DEPTHS

STATION: WG12 (DISTANCE FROM SURFACE IN FEET) YEAR: 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												119.82
31												119.93
AVG.												

STEVEN'S RECORDER MAXIMUM WELL DEPTHS

(DISTANCE FROM SURFACE IN FEET)

STATION: WG12

YEAR: 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	119.97	121.46	126.52									
2	119.95	121.62	126.64									
3	119.98	121.66	126.65									
4	119.98	121.67	126.76									
5	119.97	121.68	127.03									
6	119.98	121.69	127.09									
7	119.93	121.69	127.20									
8	119.84	121.70	127.37									
9	119.88	121.76	127.57									
10	119.92	121.77	127.77									
11	119.96	122.10	127.78									
12	119.96	122.35	127.88									
13	119.84	122.56	127.91									
14	119.75	122.74										
15	119.74	122.77										
16	122.50	122.95										
17	122.52	123.04										
18	122.53	123.22										
19	122.51	123.35										
20	122.38	123.42										
21	122.24	123.50										
22	122.23	123.72										
23	122.18	123.87										
24	122.19	123.93										
25	122.12	124.02										
26	122.11	124.09										
27	122.11	124.33										
28	121.91	124.48										
29	121.54											
30	121.53											
31	121.48											
TOTAL												

STEVEN'S RECORDER MAXIMUM WELL DEPTHS

STATION: WD90 (DISTANCE FROM SURFACE IN FEET) YEAR: 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												349.03
23												349.25
24												349.25
25												349.27
26												349.25
27												349.26
28												349.34
29												349.29
30												349.18
31												349.12
AVG.												

STEVEN'S RECORDER MAXIMUM WELL DEPTHS

STATION: WD90 (DISTANCE FROM SURFACE IN FEET) YEAR: 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	349.11	349.57	349.25									
2	349.07	349.57	349.10									
3	349.06	349.64	348.51									
4	349.06	349.62	348.60									
5	349.14	349.60	348.60									
6	349.11	349.60	348.40									
7	349.01	349.65	348.38									
8	349.12	349.65	348.39									
9	349.22	349.53	348.38									
10	349.29	349.74	348.13									
11	349.29	349.87	347.77									
12	349.22	350.13	347.62									
13	349.18	350.22	347.28									
14	349.12	350.16	346.97									
15	349.14	349.94	346.87									
16	349.22	349.92	346.65									
17	349.26	349.81	346.03									
18	349.24	349.82	345.93									
19	349.17	349.93	345.64									
20	349.15	349.92	344.88									
21	349.16	349.63	344.94									
22	349.16	349.79	344.82									
23	349.16	349.80	344.71									
24	349.16	349.72	344.24									
25	349.08	349.43	343.86									
26	349.10	349.28	342.98									
27	349.21	349.25	342.79									
28	349.21	349.34	342.49									
29	349.17		342.02									
30	349.47											
31	349.56											
AVG.												

STEVEN'S RECORDER MAXIMUM WELL DEPTHS
(DISTANCE FROM SURFACE IN FEET)

STATION: WY44 YEAR: 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1		520.69	531.55	458.21	402.05	445.66						
2		521.19	531.87	457.20	405.82	445.66						
3		521.49	532.15	543.10	409.99	445.66						
4		521.80	532.15	450.05	414.68							
5		522.40	530.13	449.78	418.62							
6		522.96	525.22	447.95	422.22							
7		523.25	520.67	442.83	424.93							
8		523.65	516.59	432.29	428.71							
9		523.98	513.11	429.11	430.94							
10		524.22	509.53	426.52	433.57							
11		524.55	506.55	423.75	437.40							
12		525.42	506.15	420.96	439.51							
13		525.75	506.13	418.79	463.73							
14		526.10	506.13	416.83	465.98							
15		526.65	506.12	415.03	468.22							
16		526.75	488.67	413.12	470.46							
17		527.40	486.56	411.88	472.66							
18		527.73	484.55	411.32	474.57							
19		528.01	482.69	412.65	476.27							
20		528.15	480.73	411.76	478.20							
21		528.25	479.05	411.07	478.21							
22		529.08	477.75	408.06	477.14							
23		529.49	476.22	407.67	474.61							
24		529.75	474.06	398.54	469.63							
25		530.02	473.06	398.08	471.62							
26		530.37	471.20	397.75	474.14							
27		530.73	469.67	397.92	470.76							
28		530.31	468.24	399.00	466.53							
29	520.74		467.41	399.72	461.57							
30	519.56		465.96	400.51	445.66							
31	519.56		465.17		445.66							
TOTAL												

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2.2.1.6 Impoundments/Discharges/NPDES/Reinjection

Flow data for this reporting period is presented with the water quality tables in Section 2.2.2.6 in Tables 2.2.2.6-1 (weekly), 2.2.2.6-2 (monthly) and 2.2.2.6-3 (semi-annual) for the A/B discharge point (WN40).

Re-injection water level plots of C-b wells are presented in this section; refer to Table 2.2.1.6-1 for the page number of each well level plot.

Re-injection rates and pressure are given on page I-195.

TABLE 2.2.1.6-1 (Continued)

LIST OF RE-INJECTION WELL LEVELS

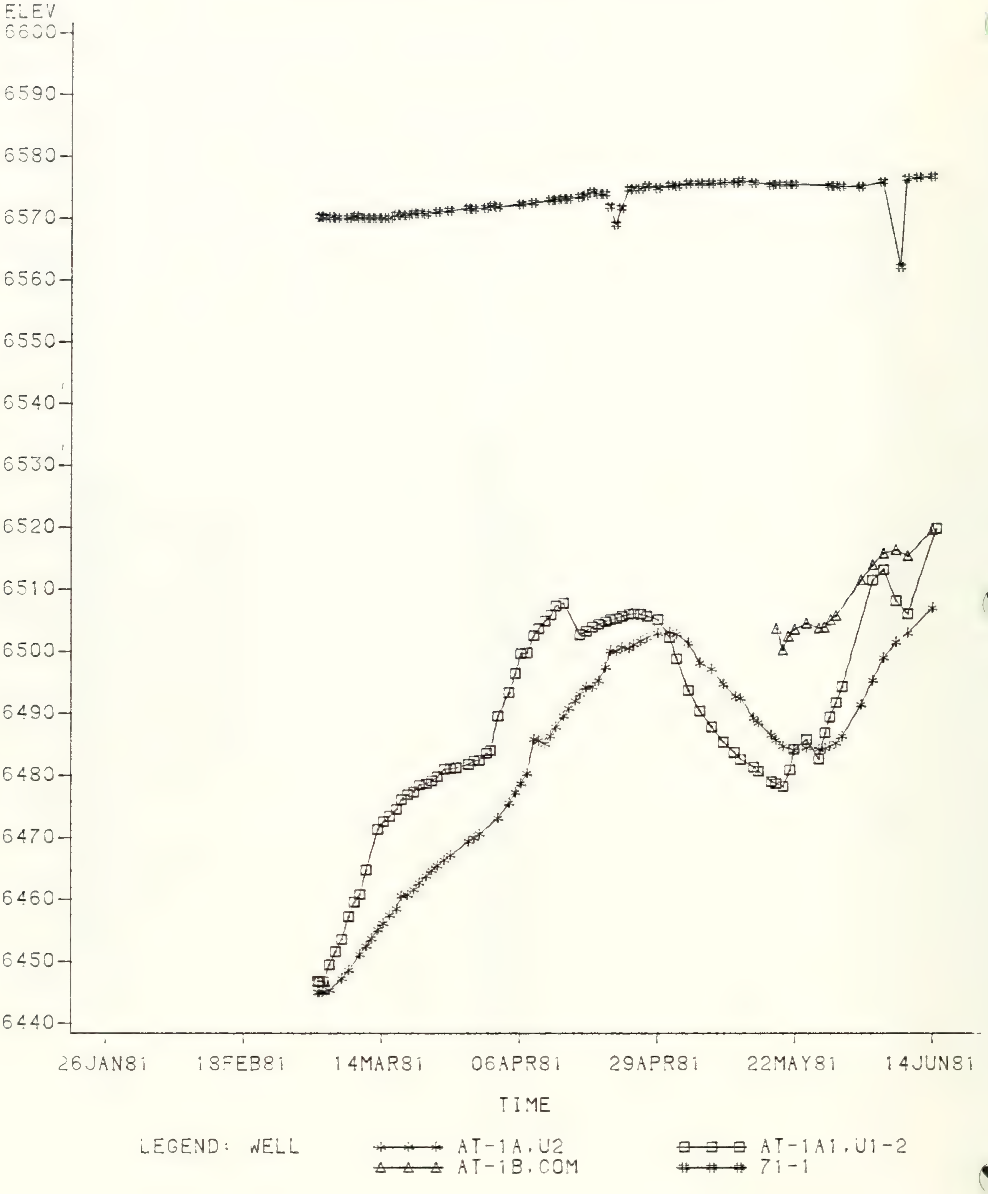
Well No.	Computer Code	Page No.
AT-1A	WV37	I-176
AT-1B	WV40	I-176
AT-1A1	WX38	I-176
71-1		I-176
AT-1C-1	WY45	I-177
AT-1C-3	WY44	I-177
AT-1C-2	WY46	I-177
AT-1	WY44	I-178
AT-1D-2	ABANDONED	I-178
AT-1D-1	WG41	I-178
AT-ID-3	WD41	I-178
CB-1	WD01	I-179
32X-12	WX32	I-179
CB-2	WD02	I-180
CB-3	WE03	I-180
SG-19	WD19	I-180
CB-4	WE04	I-181
31X-12	WW12	I-181
SG-10	WD90	I-181
41X-13-2	WW13	I-181
SG-17A	WD57	I-181
SG-1-1	WG12	I-182
SG-1-2	WD12	I-182
SG-1A-1	WE11	I-183
SG-1A-2	WD11	I-183
SG-6-1	WE61	I-184
SG-6-2	WG61	I-184
SG-6-3	WD61	I-184
SG-8	W	I-185
SG-9-1	WG91	I-186
SG-9-3	WD91	I-186
SG-9-2	WE91	I-186
SG-9-4	WC91	I-186
SG-10A-A	WD51	I-188
SG-10A-2	WE51	I-187
SG-10A-1	WG51	I-187
SG-11-1	W55	I-189
SG-11-3	WD55	I-189
SG-11-2	WE5	I-189
SG-17-1	WG17	I-190
SG-17-3	WD17	I-190
SG-17-2	WE17	I-190
SG-17-4	WC17	I-190
SG-18A-1	WG18	I-191
SG-18A-3	WD18	I-191
SG-18A-2	WE18	I-191
SG-20-2	WE20	I-192
SG-20-3	WD20	I-192

TABLE 2.2.1.6-1 (Continued)

LIST OF RE-INJECTION WELL LEVELS

Well No.	Computer Code	Page No.
SG-21-1	WH21	I-193
SG-21-3	WE21	I-193
SG-21-2	WG21	I-193
SG-21-4	WD21	I-193
14X-7-1	WD14	I-194
14X-7-2	WD15	I-194
PSI		I-195
RATE-GPM		I-195

CB RE-INJECT DATA



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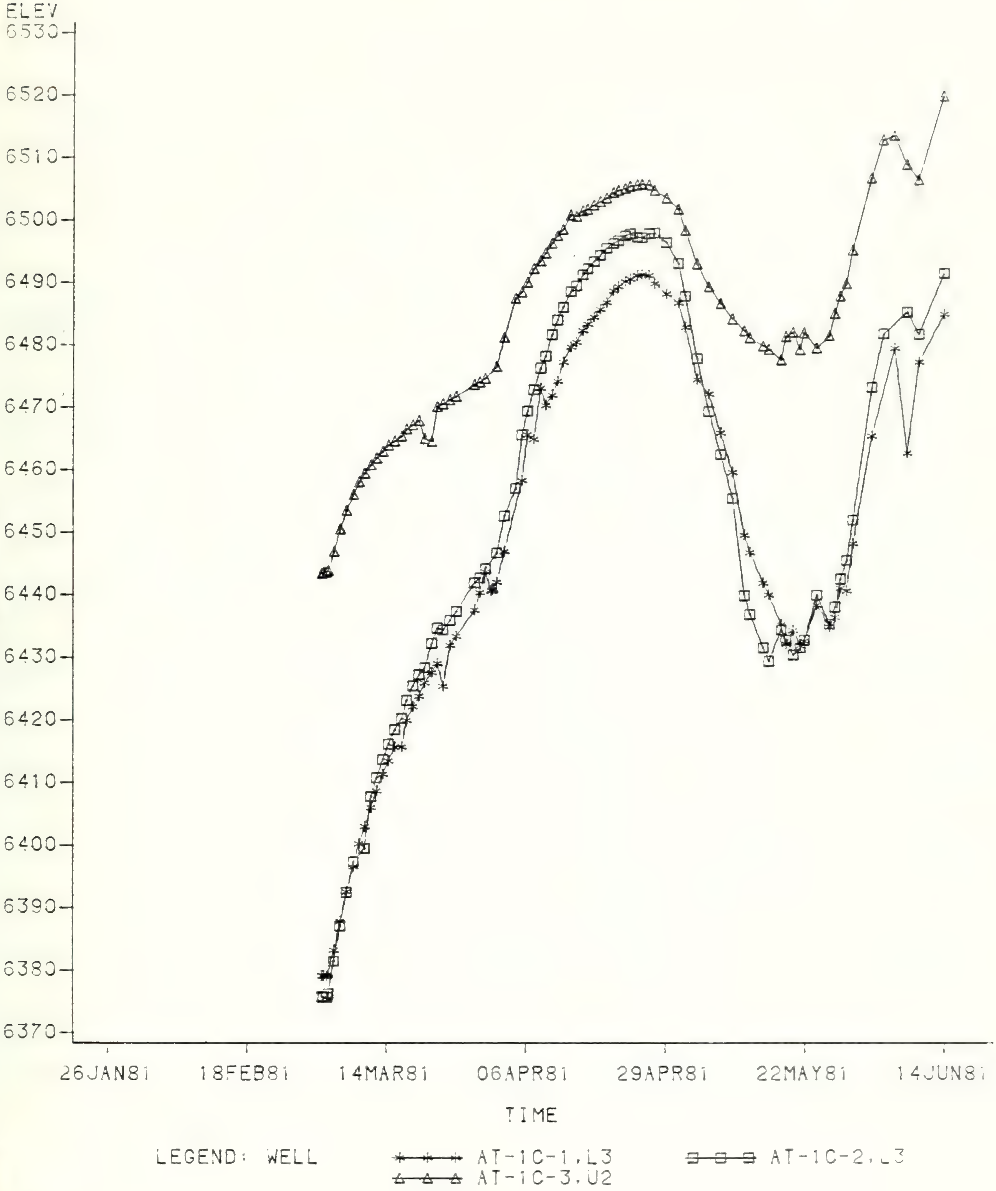

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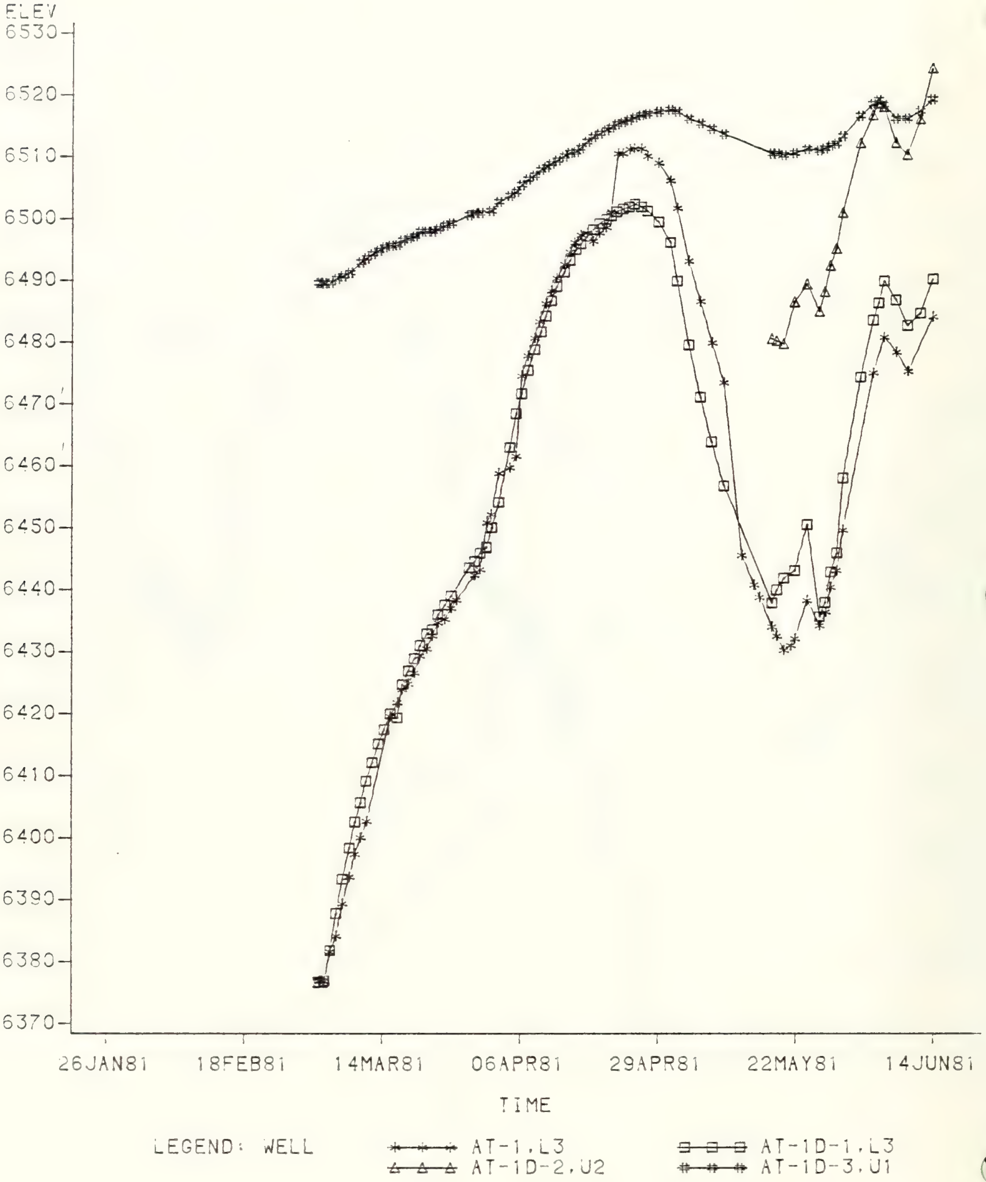

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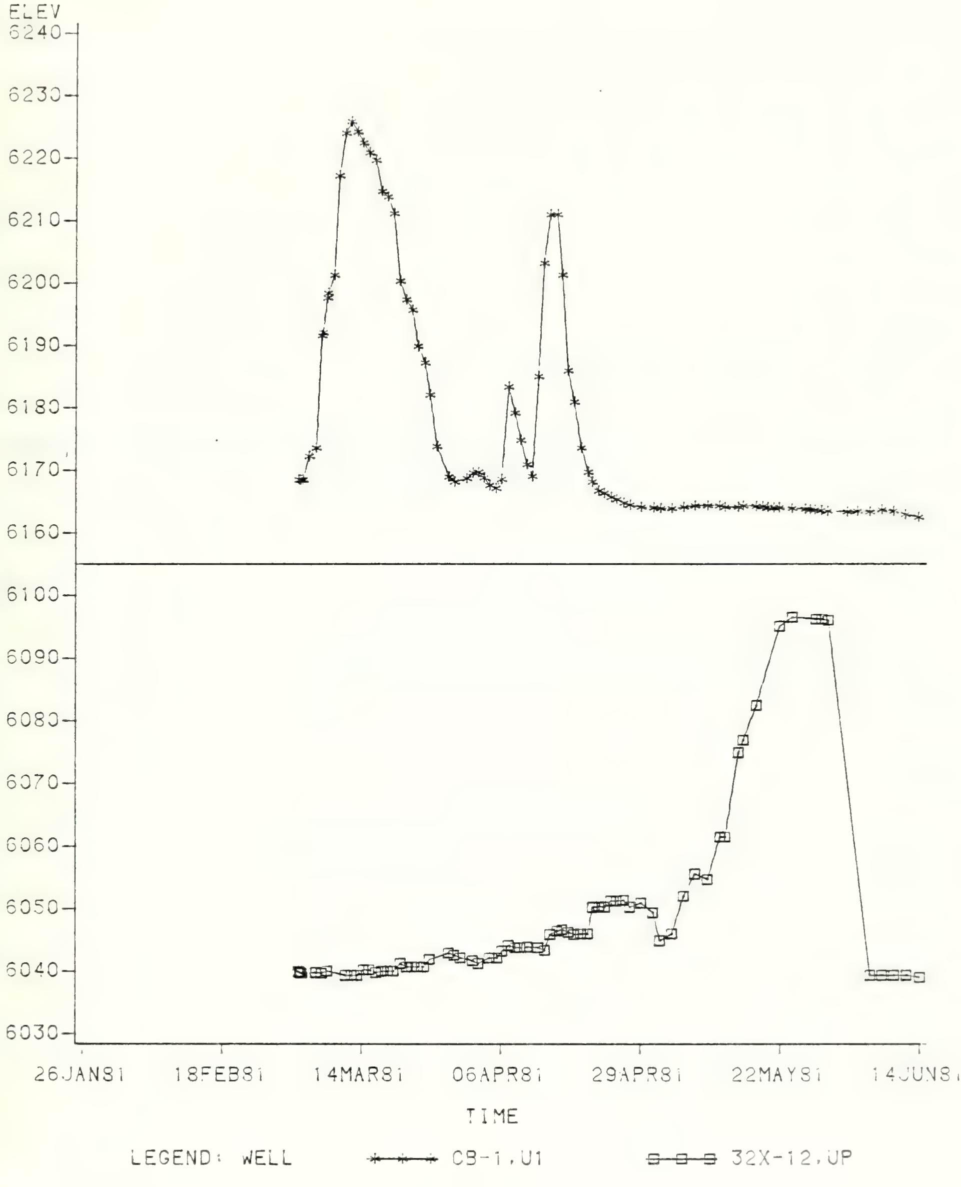

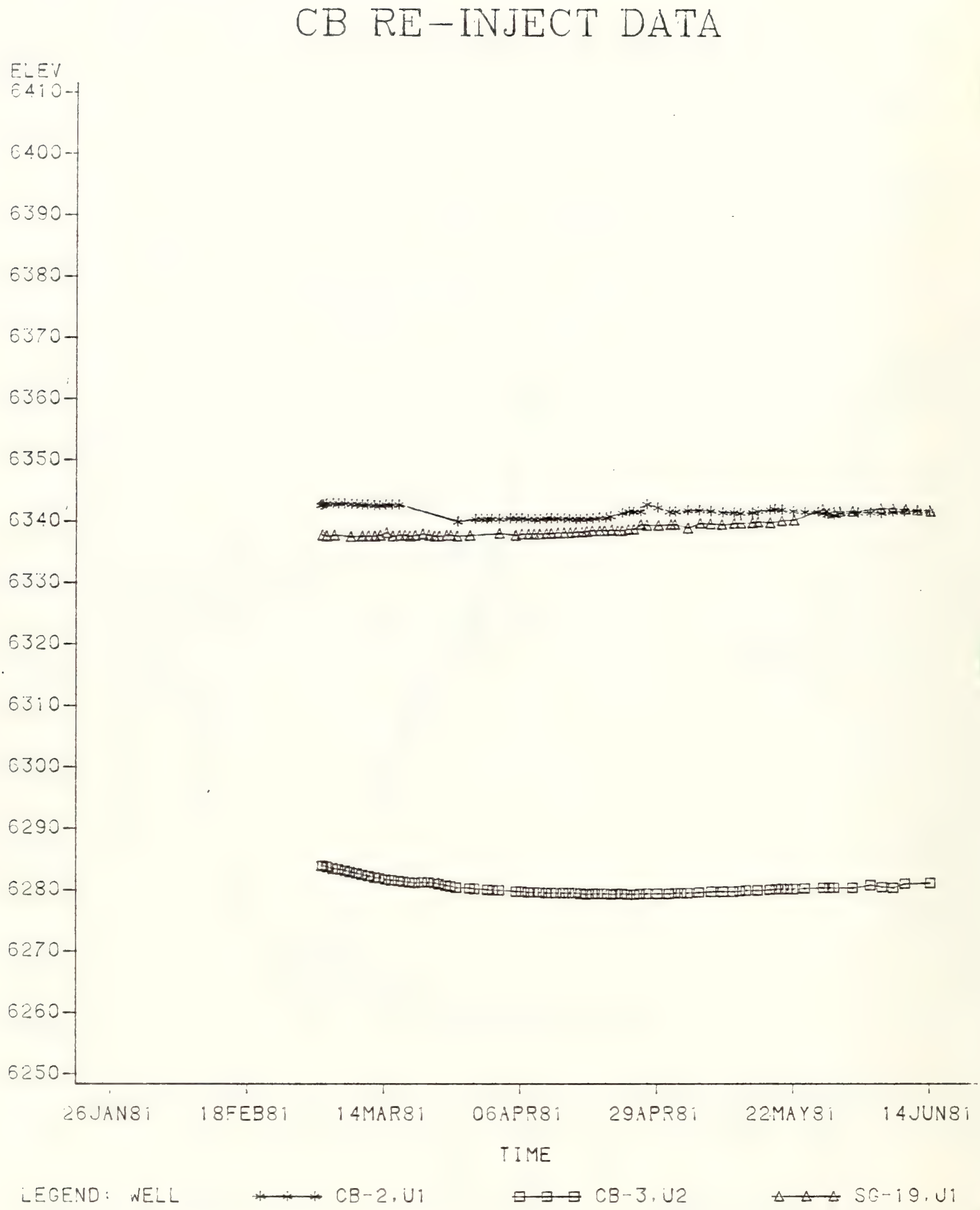
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ELEV
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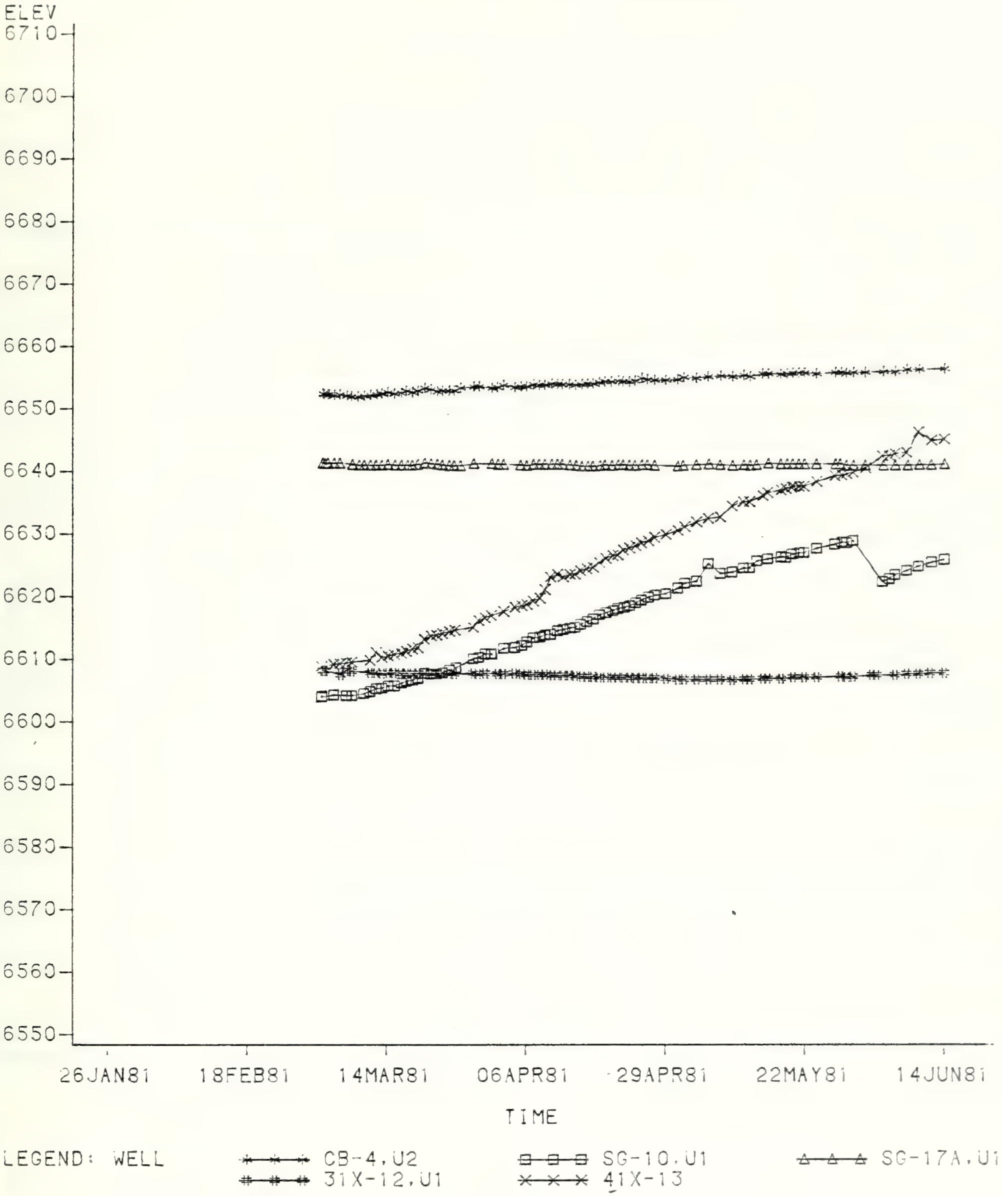
6400
6390
6380
6370
6360
6350
6340
6330
6320
6310
6300
6290
6280
6270
6260
6250
26JAN81
18FEB81
14MAR81
06APR81
29APR81
22MAY81
14JUN81
TIME
LEGEND: WELL
CB-2,U1
CB-3,U2
SG-19,U1

CB RE-INJECT DATA



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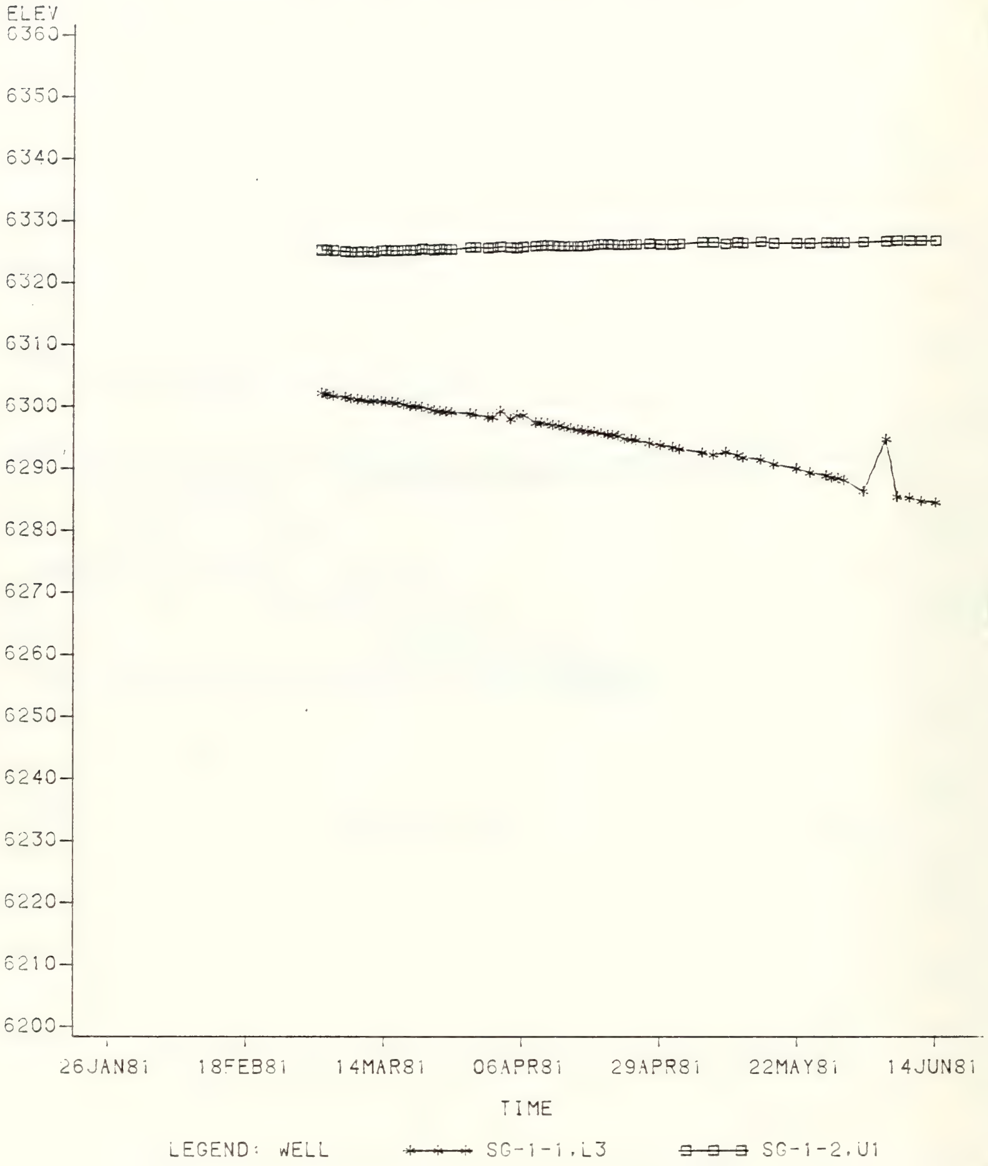

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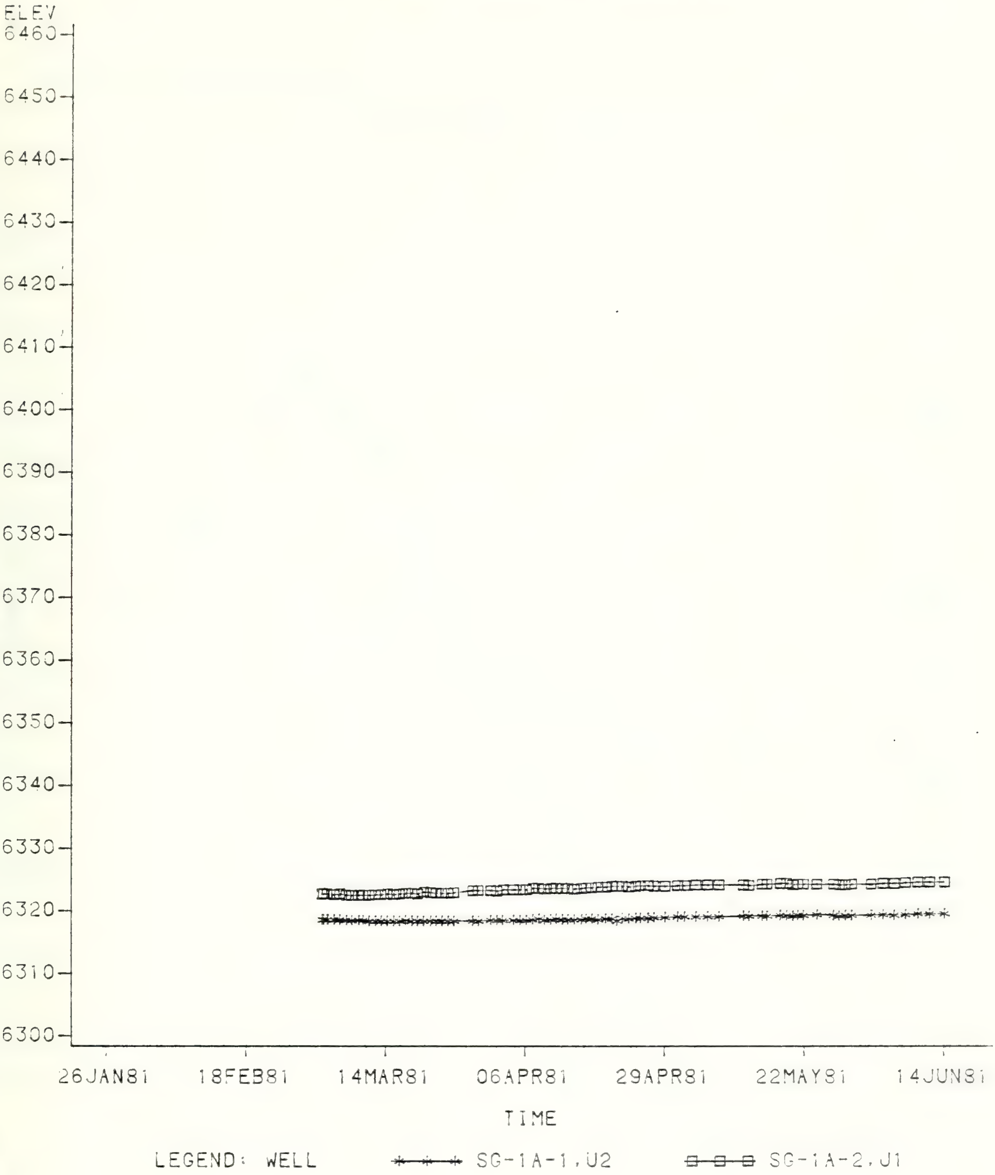

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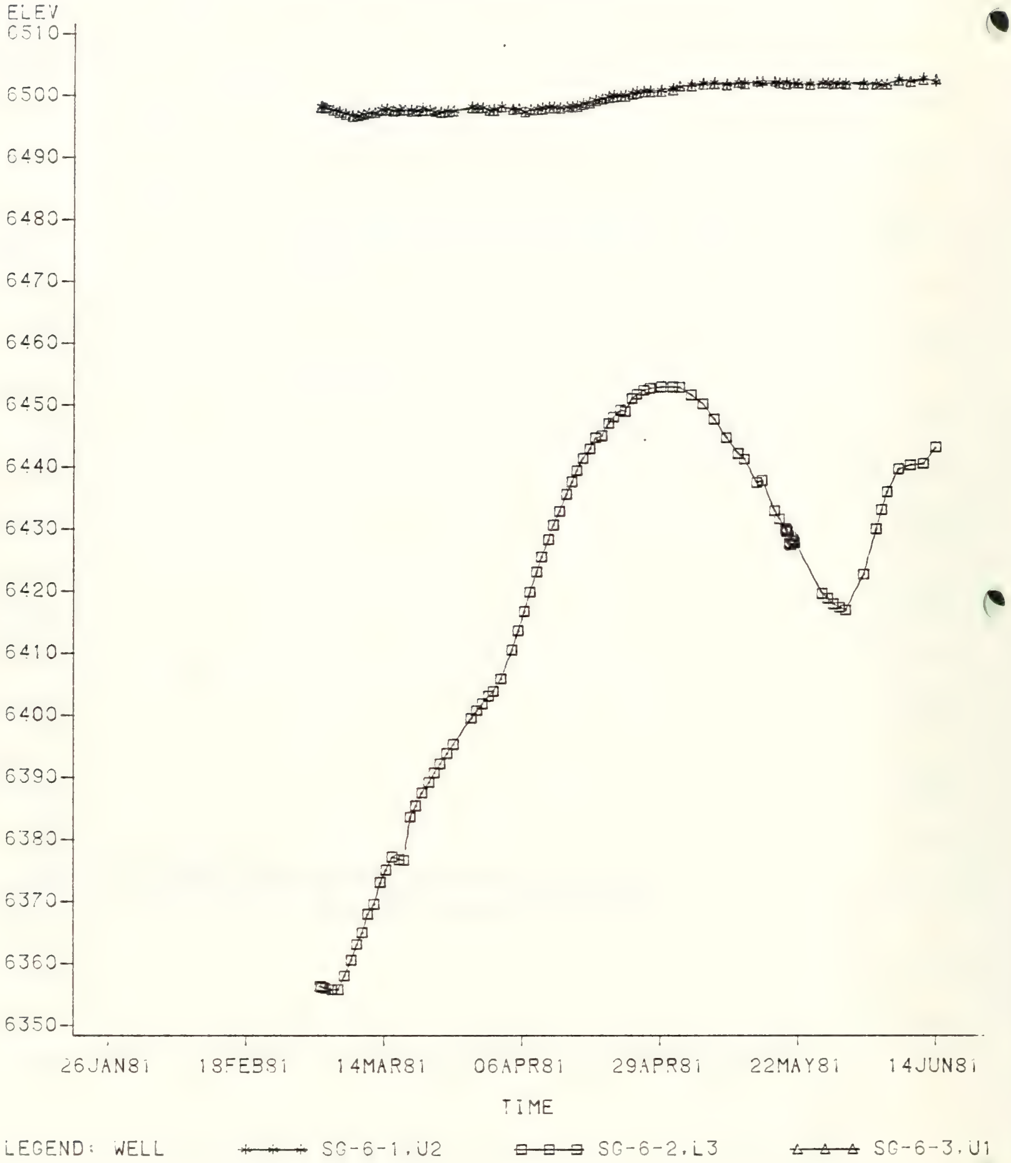
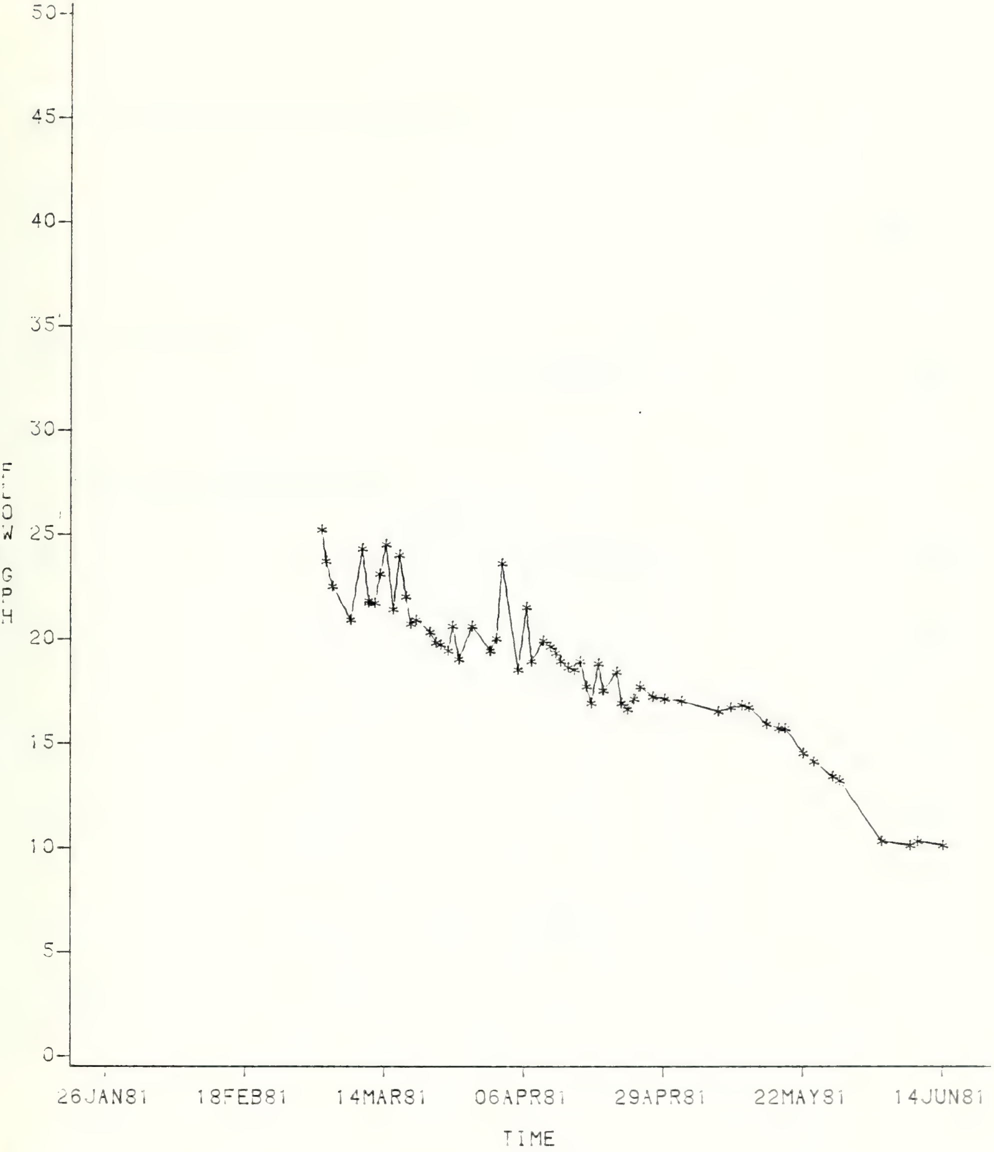


CB RE-INJECT DATA

WELL=SG-8,LO



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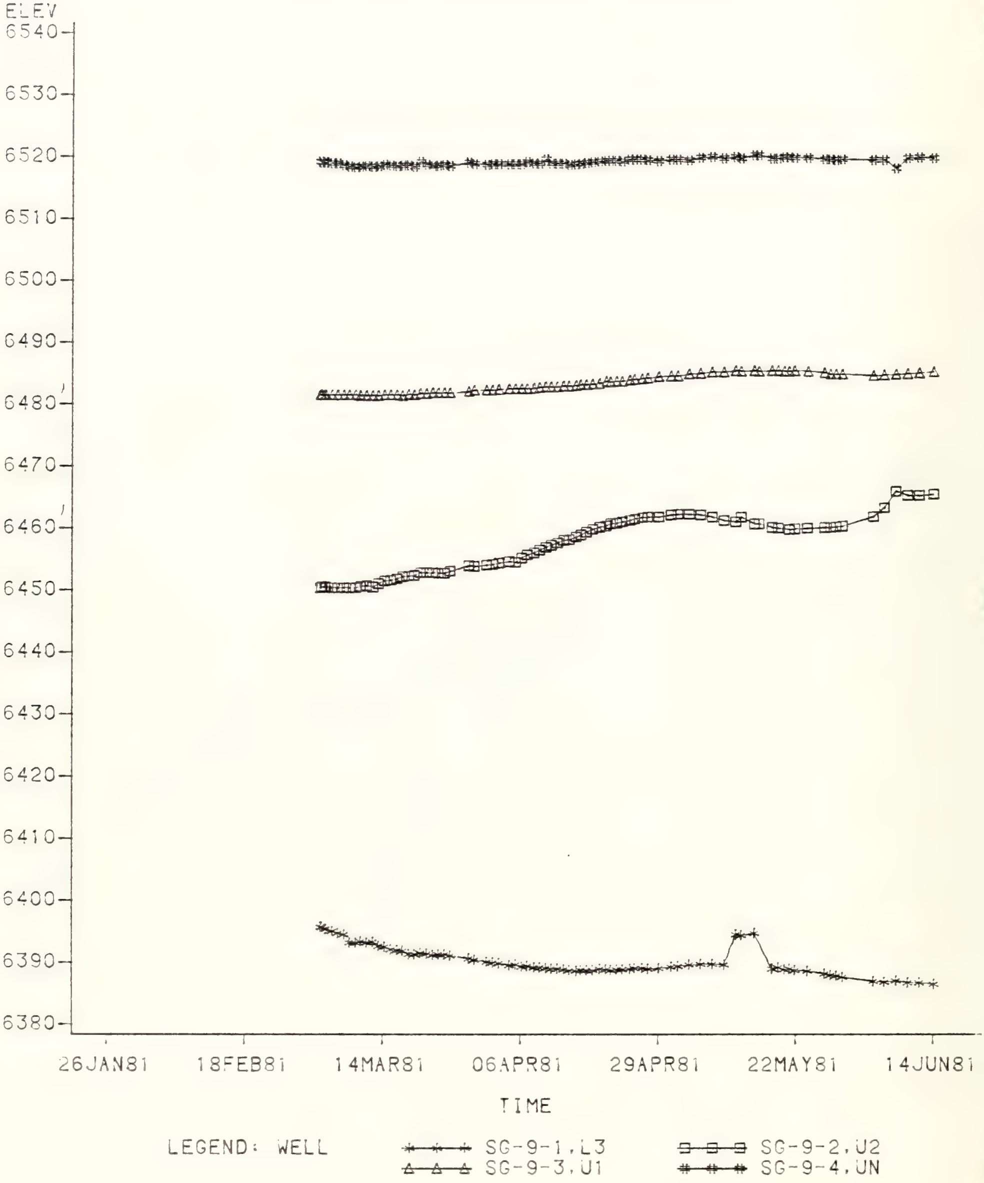

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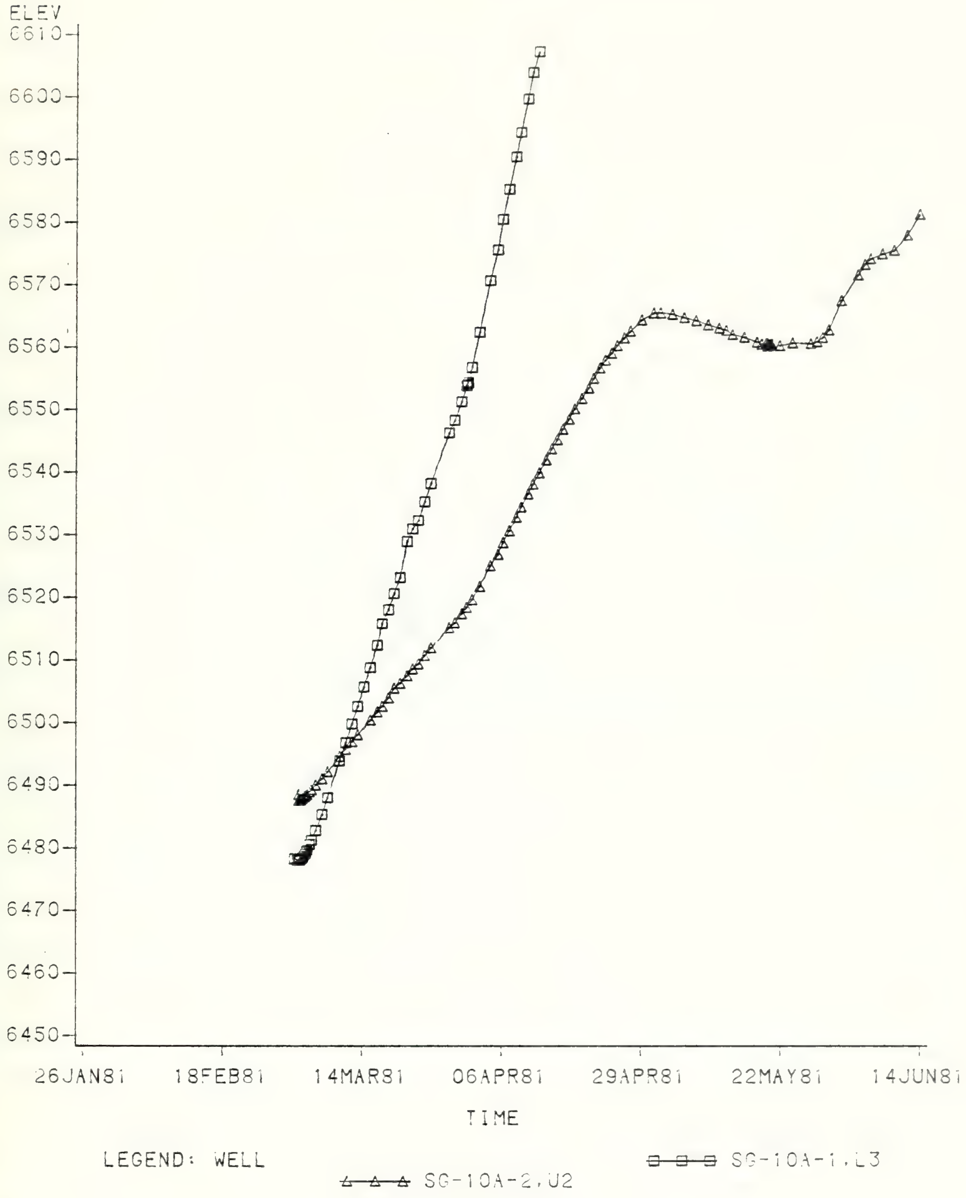

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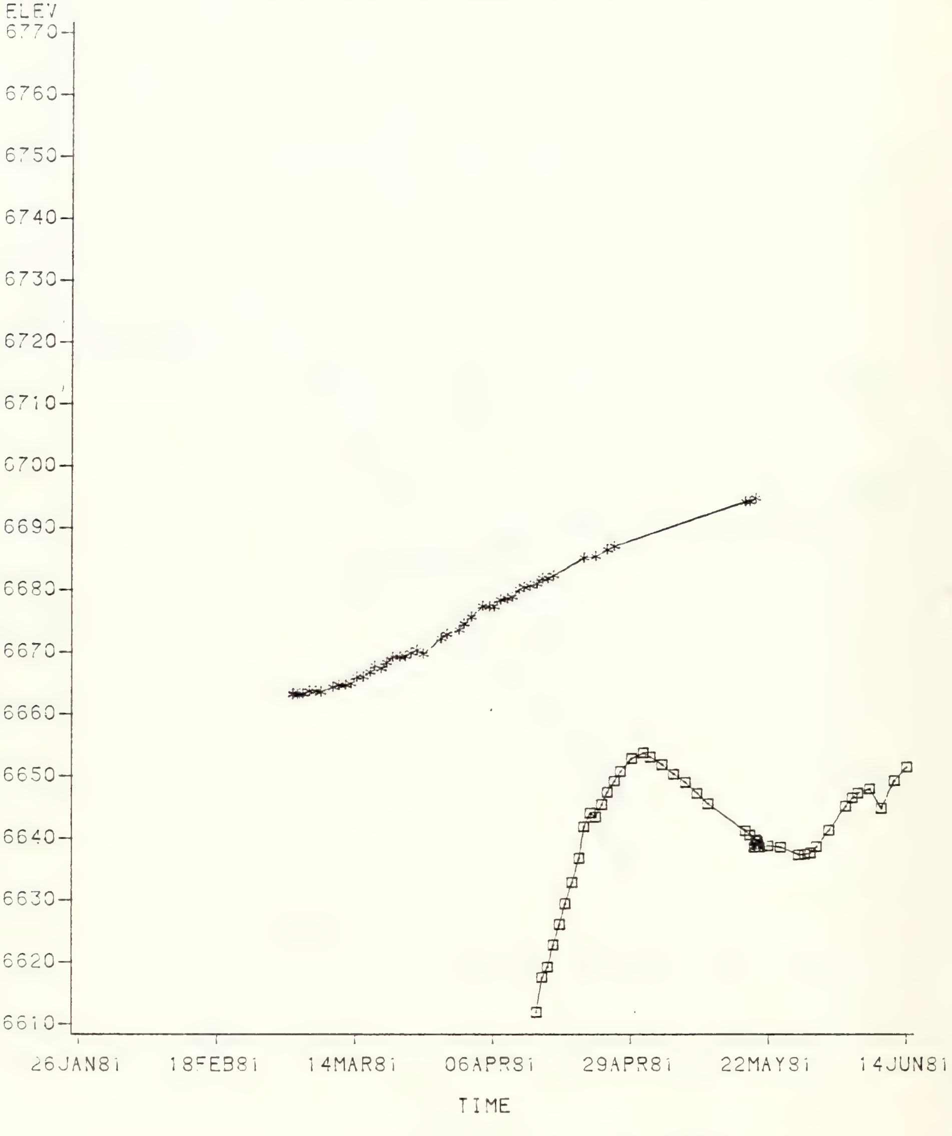
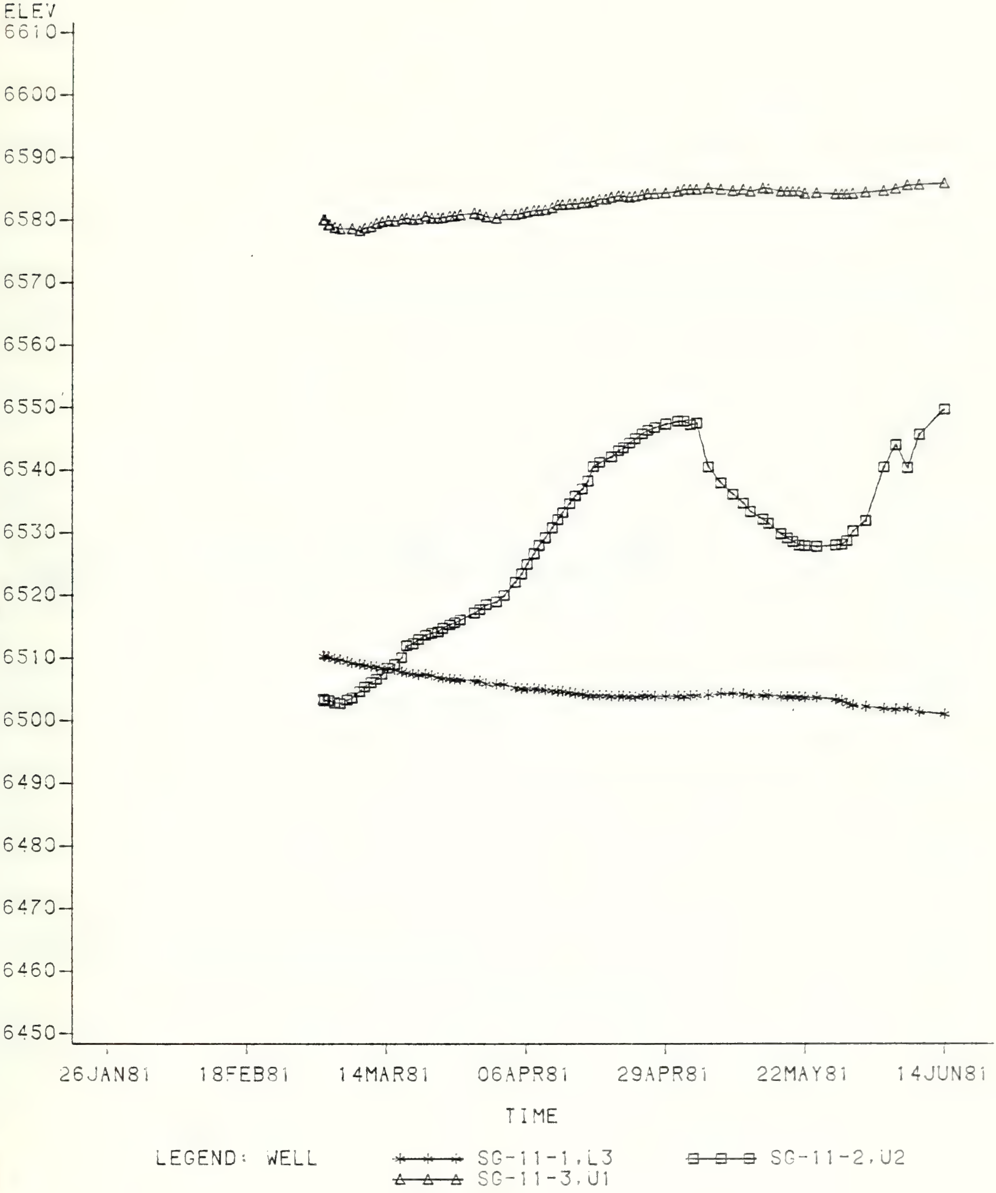


PLOT 2 OF 2

CB RE-INJECT DATA



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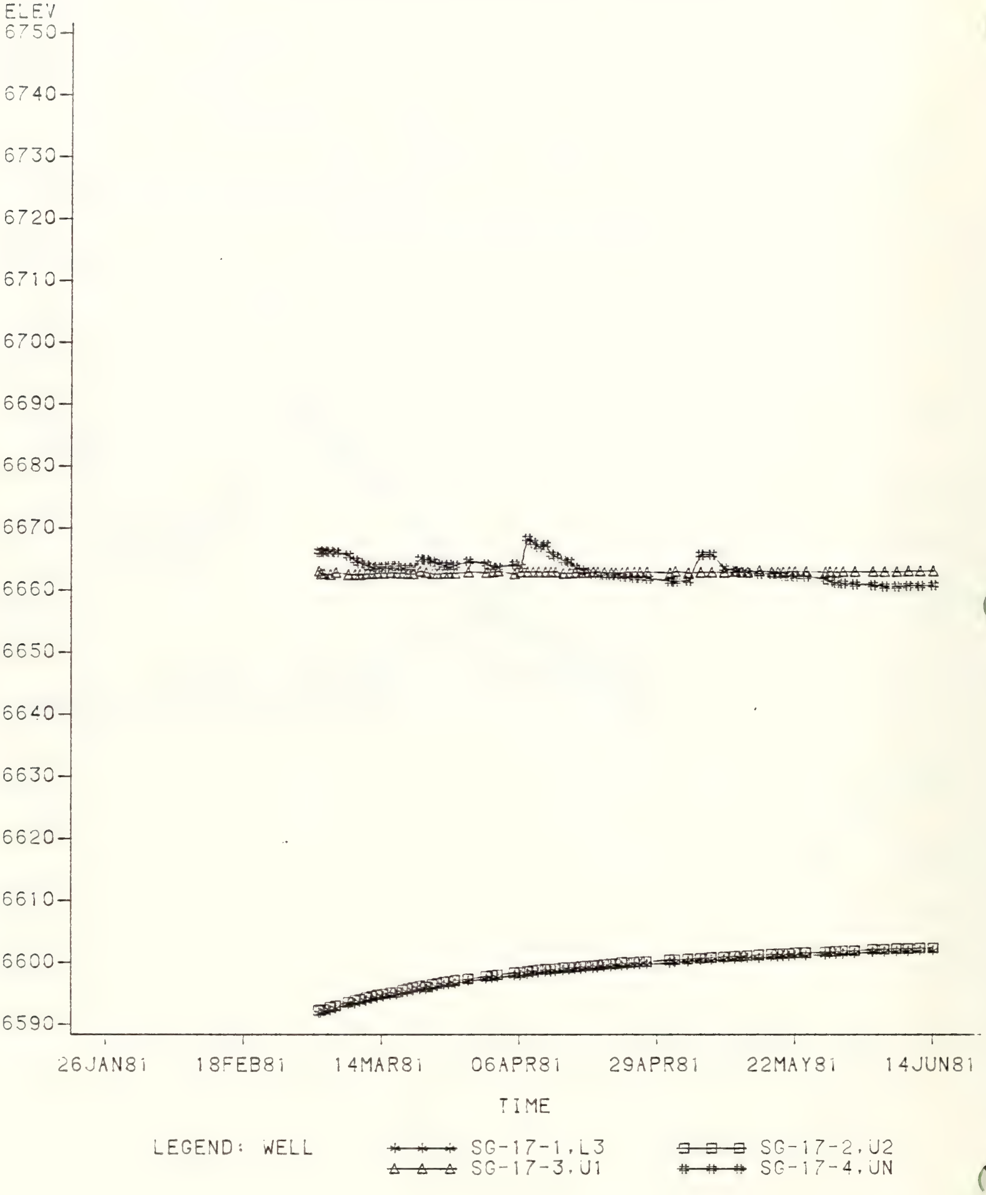

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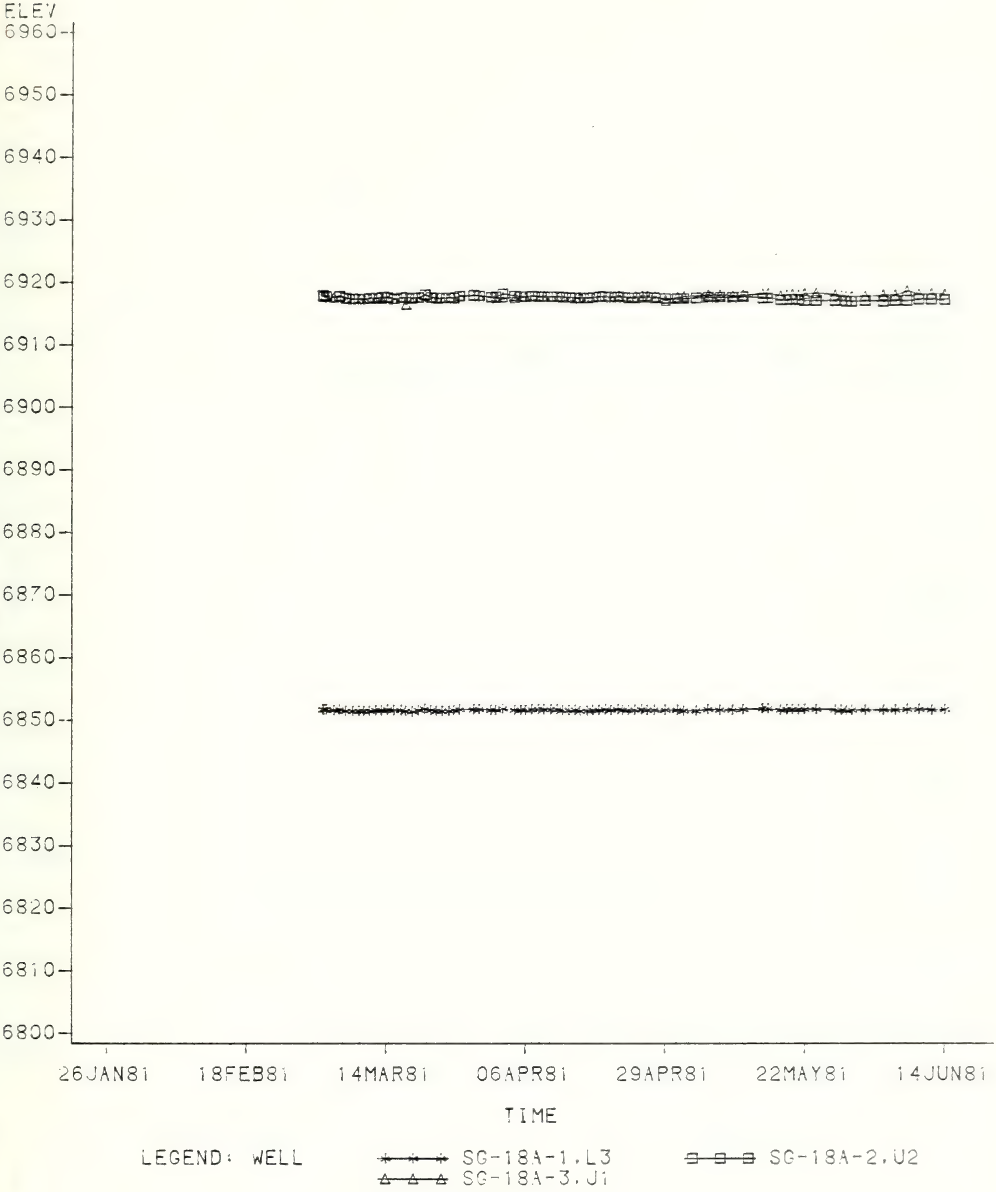
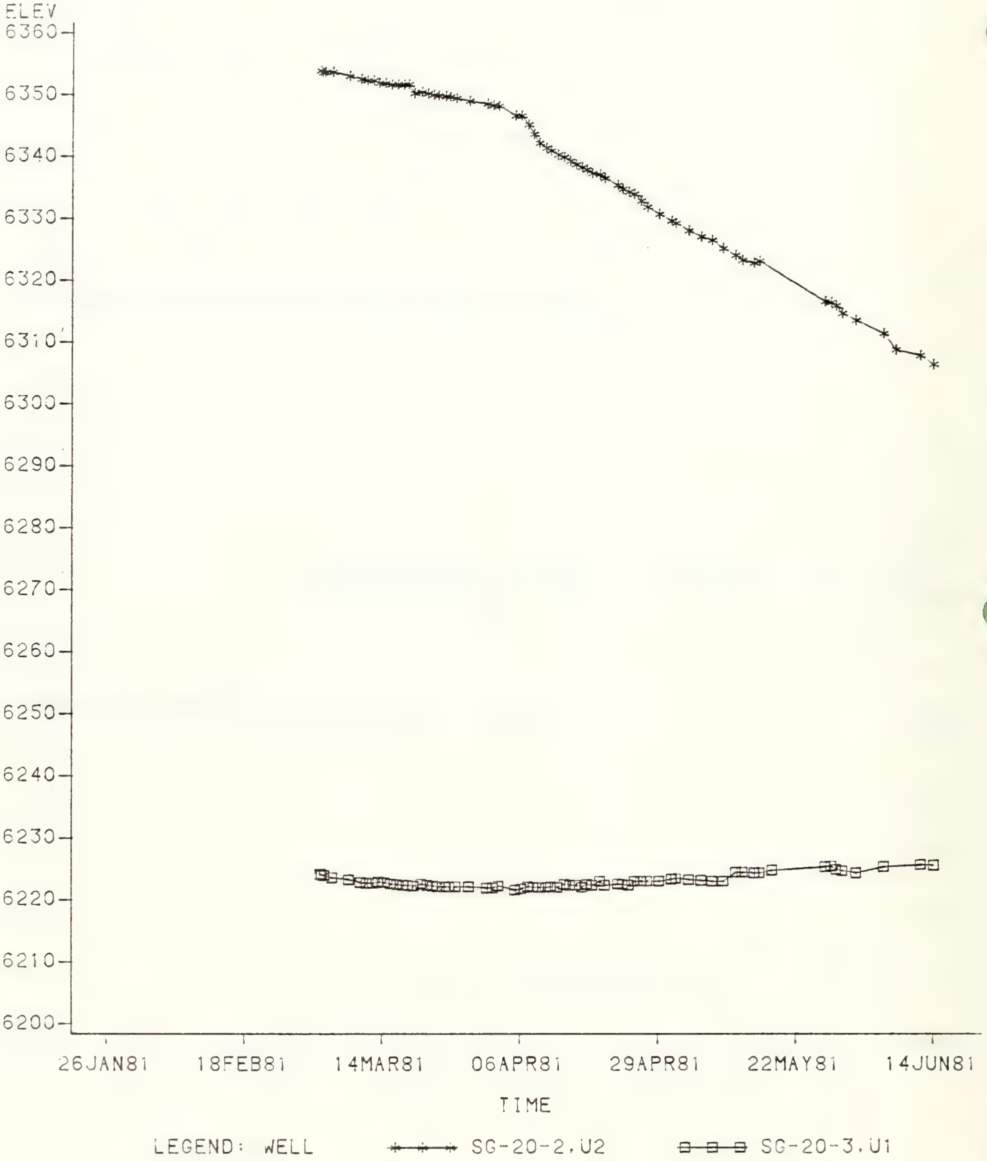


CB RE-INJECT DATA



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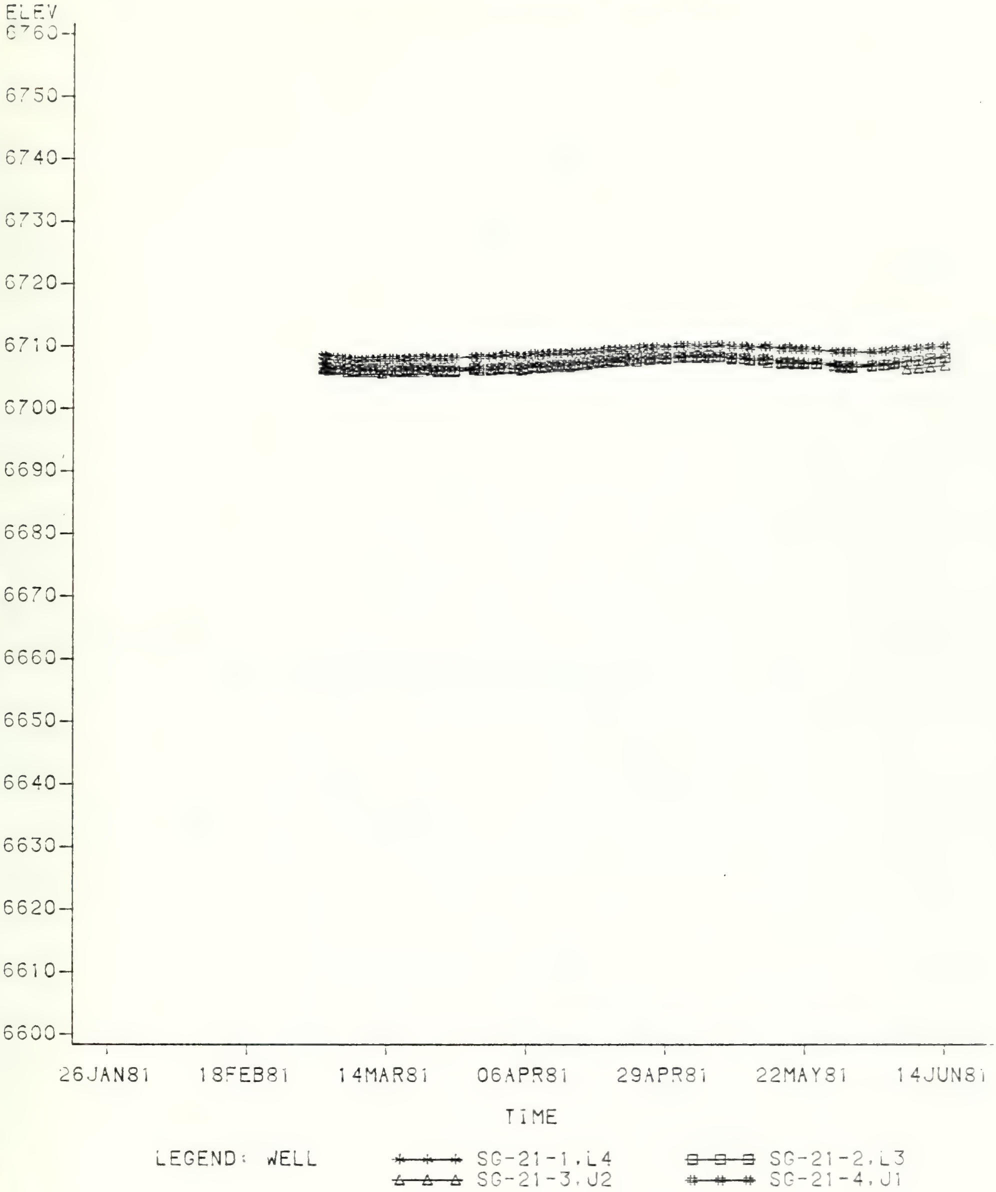

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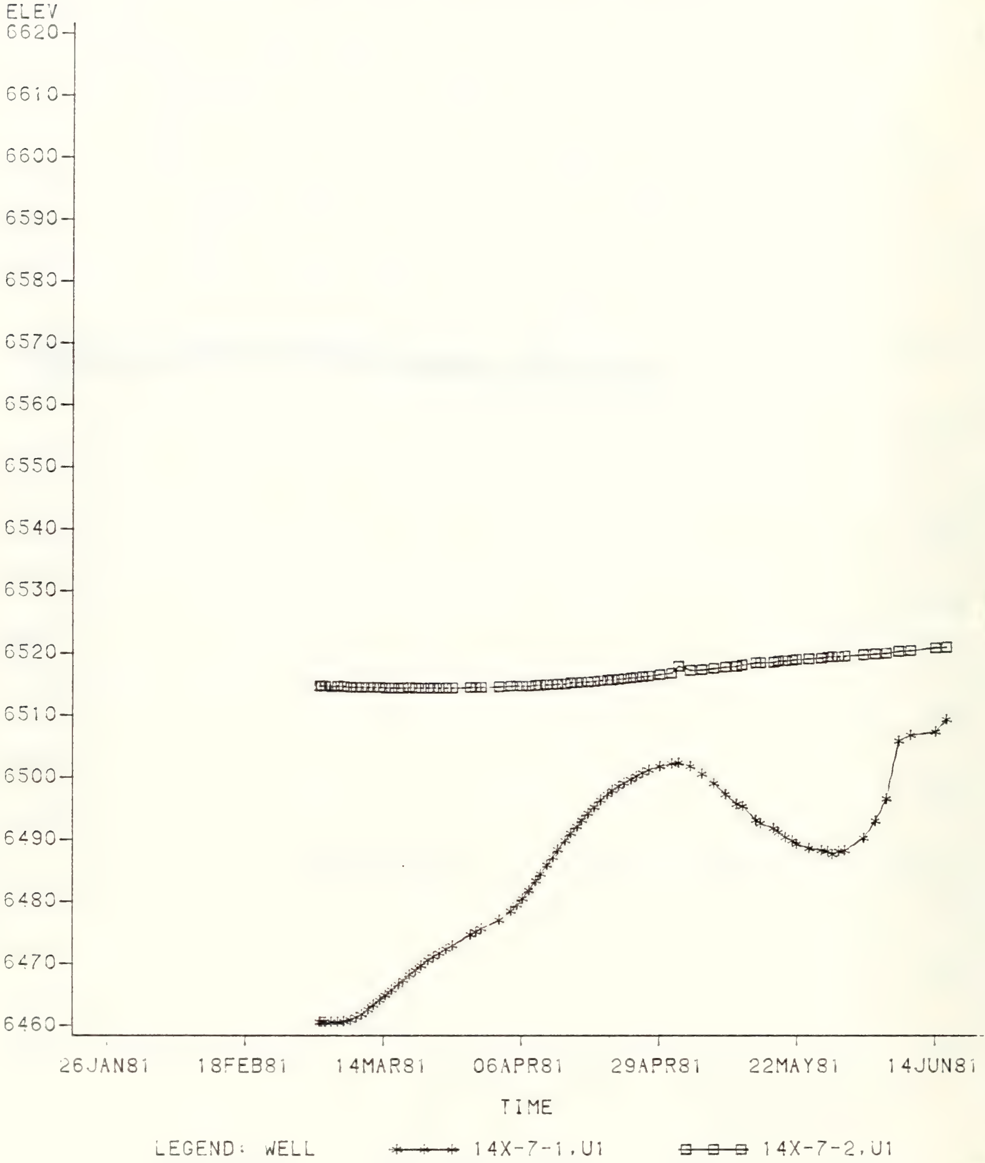
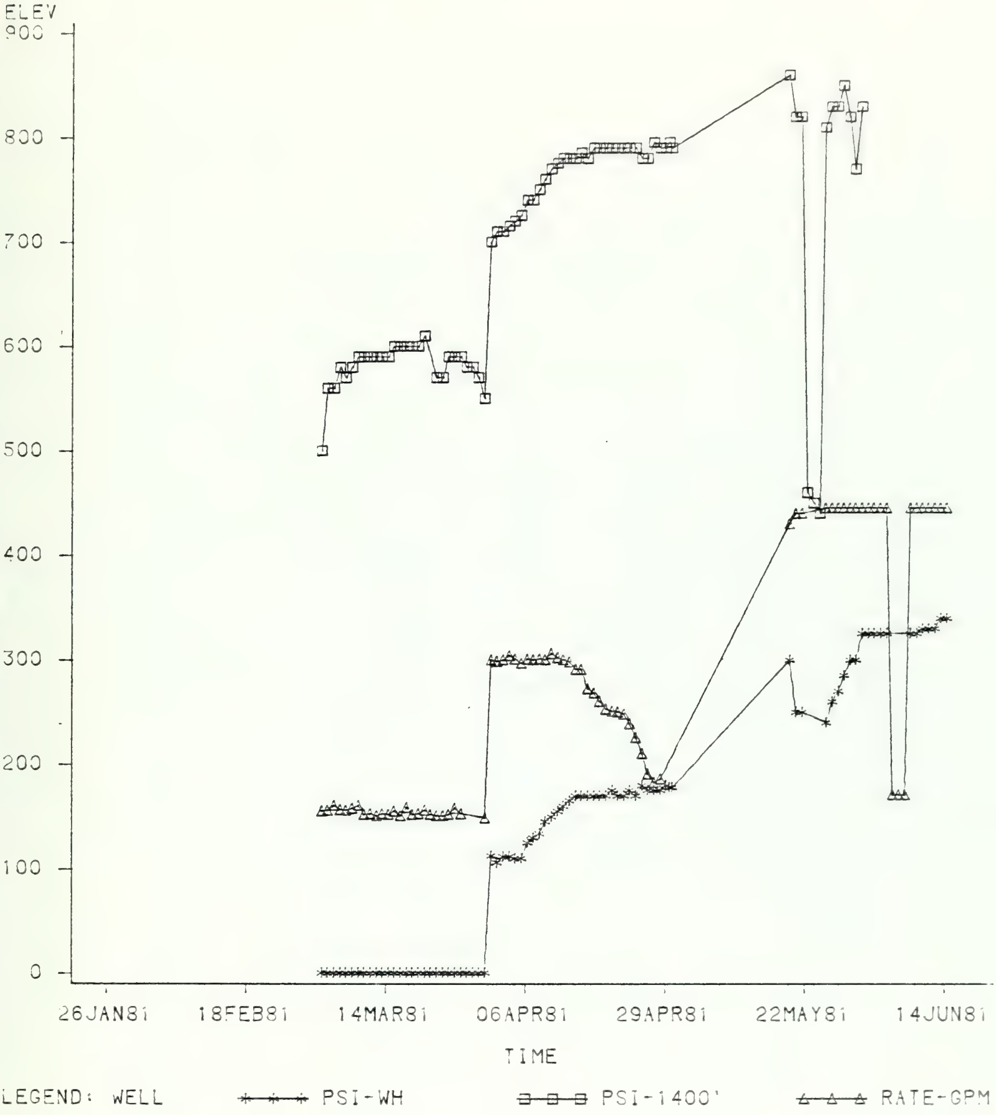


CB RE-INJECT DATA



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2.2.1.7 Shale Dumps

Three raw oil shale lysimeters were constructed in November and December 1980. Each of the lysimeters has a collecting surface area measuring 10' X 10'. The three collectors were covered with raw oil shale mined from the Intermediate Void Level of the Production Shaft and the Upper Void Level of the Ventilation/Escape Shaft to depths of 10, 15, and 20 feet. The three collectors are constructed entirely of teflon components to minimize contamination. (Figure 2.2.1.7-1).

No leachate data were collected from the lysimeters during 1980. The leachates may be initiated from precipitation percolating (leaching) through the raw shale to the collectors.

Table 2.2.1.7-1 presents field measurement (pH, DO, conductivity and temperature) data collected at the lysimeters.

Table 2.2.1.7-1

LYSI ER CHECK

C.B. TRACT

	10 Foot					15 Foot					20 Foot					COMMENTS
	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E	
Date: 4/16/81 Time: 1000 Observer: Noble Ralphs																
Volume (ℓ)	2	2	2	18.4	-	2	2	2	22.13	-	-	-	-	-	9.80	
Temp (°C)	8.0	9.0	11.0	8.0	-	9.0	9.0	9.0	8.0	-	-	-	-	-	8.0	
pH	7.75	7.78	7.83	7.71	-	7.71	7.70	7.78	7.69	-	-	-	-	-	7.87	
Conductivity (μ mhos)	5400	5490	5340	5300	-	5370	5260	5370	5340	-	-	-	-	-	5690	
Date: 5/12/81 Time: 0800 Observer: Noble Brinkbridge																
Volume (ℓ)	2	2	2	4.25	-	2	2	2	27.2	-	2	2	2	14.7	2.6	
Temp (°C)	15.0	15.0	15.0	15.0	-	14.0	14.0	14.0	14.0	-	14.5	15.0	14.5	14.5	14.5	
pH	7.27	7.58	7.59	7.75	-	7.52	7.51	7.48	7.70	-	7.38	7.55	7.46	7.72	8.07	
Conductivity (μmhos)	5.96	5.99	6.00	6.01	-	6.36	6.35	6.18	6.27	-	5.67	5.71	5.70	5.77	5.74	
Date: 7/8/81 Time: 0830 Observer: F. Noble																
Volume (ℓ)	2.0	2.0	2.0	5.25	-	2.0	2.0	2.0	14.95	-	2.0	2.0	2.0	6.95	6.60	
Temp (°C)	18.8	18.8	18.8	18.8	-	18.5	18.5	18.5	18.5	-	21.3	21.1	21.3	21.7	21.7	
pH	7.43	7.45	7.57	8.01	-	7.53	7.56	7.54	7.78	-	7.44	7.53	7.60	7.85	8.35	
Conductivity (μmhos)	7.68	7.72	7.73	7.76	-	8.24	8.25	8.28	8.34	-	7.74	7.75	7.71	7.75	8.66	

Table 2.2.1.7-1 (Cont)

LYSI ER CHECK
B. TRACT

Date: 5/5/81* Time: 0850-1016 Observer:	10 Foot					15 Foot					20 Foot					COMMENTS
	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E	
Volume (ℓ)	2	2	2	14.4	-	2	2	2	235	-	2	2	2	2125	10.1	
Temp (°C)	4	4	4	4	-	4	4	4	4		4	4	4	4	4	
pH	8.0	7.8	7.6	9.4	-	7.5	7.5	7.4	9.1	-	8.6	7.4	7.2	7.6	8.4	
Resistance (mhos)	300	300	300	285	-	280	270	270	260	-	430	310	310	910	285	
Date: 5/7/81** Time: 1030-1110 Observer:																
Volume (ℓ)	2	2	2	13.1	-	2	2	2	1945	-	2	2	2	7.25	50m	
Temp (°C)	5	5	5	5	-	5	5	5	5	-	5	5	5	5	5	
pH	8.35	7.7	7.9	7.8	-	8.35	7.7	7.9	7.8	-	7.4	7.5	7.6	7.6	7.85	
Resistance (mhos	345	270	270	270	-	240	240	250	245	-	265	280	435	320	270	
Date: 6/19/81 Time: 0815-55 Observer:																
Volume (ℓ)	2	2	2	11.2	-	2	2	2	1.30	-	2	2	2	19.02	9.15	
Temp (°C)	10	10	10	10	-	11	11	11	10	-	11	11	11	11	11	
pH	8.4	8.5	8.2	8.1	-	8.1	7.8	7.9	7.8	-	7.8	9.8	9.8	7.7	8.1	
Resistance (mhos)	250	240	240	230	-	210	210	205	195	-	230	230	230	210	200	

* Rain gage shows .9" rain Sunday
** .55 inches rain Tuesday night

2.2.2 Water Quality

This section presents water quality data of surface streams, springs and seeps, alluvial and bedrock wells, impoundments, shaft mine water, shale dumps and sediments. Stations required under the Development Monitoring Plan (DMP), the Water Augmentation Plan (WAP), and NPDES are identified within each subsection.

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2.2.2.1 Surface Streams

This section contains field measurement and water quality data collected from the USGS stream gauging network, Figure 2.2.1.1-1. The index to water data presented is shown in Table 2.2.2.1-1 and field measurement and water quality data are presented in Table 2.2.2.1-2 and Table 2.2.2.1-3. Remark codes used in the USGS water quality data tables are shown in Table 2.2.2.1-4.

TABLE 2.2.2.1-1

SURFACE WATER DATA PRESENTED
ENVIRONMENTAL MONITORING REPORT

Stations	Daily Discharge (Flow)	Daily Mean Sediment & Discharge Data	Daily Dissolved Oxygen	Daily pH Readings	Daily Specific Conductance	Daily Temperature	Water Quality Data
09304800 (WU48)	(ND)	X			X	X	X
09306007*(WU07)	X	X	X		X	X	X
09306015 (WU15)	X	X					
09306022*(WU22)	X	X	X	X	X	X	X
09306025 (WU25)	X	X			X	X	X
09306028 (WU28)	X	X			X	X	X
09306033 (WU33)	X	X			X	X	X
09306036 (WU36)	X	X			X	X	X
09306039 (WU39)	X	X			X	X	X
09306042 (WU42)	X	X			X	X	X
09306050 (WU50)	X	X			X	X	X
09306052 (WU52)	X	X			X	X	X
09306058*(WU58)	X	X	X	X	X	X	X
09306061*(WU61)	X	X	X	X	X	X	X
09306200 (WU00)	(ND)	X			X	X	X
09306222 (WU62)	(ND)	X			X	X	X
09306255 (WU55)	(ND)	X			X	X	X

*Major Station

(ND) = Data Not Available

TABLE 2.2.2.1-2

Index to USGS Gauging Stations Field Measurement Data

Station Designation	Computer Code	Page No.
09304800	WU48	I-204
09306007	WU07	I-213
09306015	WU15	I-234
09306022	WU22	I-237
09306025	WU25	I-258
09306028	WU28	I-267
09306033	WU33	I-282
09306036	WU36	I-291
09306039	WU39	I-303
09306042	WU42	I-318
09306050	WU50	I-333
09306052	WU52	I-342
09306058	WU58	I-357
09306061	WU61	I-378
09306200	WU00	I-399
09306222	WU62	I-414
09306255	WU55	I-423

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09304800 WHITE RIVER BELOW MEEKER, CO. STREAM SOURCE AGENCY USGS
LATITUDE 400048 LONGITUDE 1080533 DRAINAGE AREA 1024.00 DATUM 5928.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	16.0	9.5	13.0	---	---	---	.0	.0	.0	.5	.0	.5
2	15.5	9.5	12.5	---	---	---	.0	.0	.0	---	---	---
3	15.0	10.0	12.5	---	---	---	.5	.0	.0	.5	.0	.0
4	14.0	8.0	11.0	---	---	---	.0	.0	.0	.5	.0	.0
5	14.0	8.0	11.0	---	---	---	.5	.0	.0	.0	.0	.0
6	14.5	8.0	11.0	---	---	---	---	---	---	.5	.0	.0
7	14.5	8.5	11.5	---	---	---	---	---	---	.5	.0	.0
8	14.5	8.5	11.5	---	---	---	.5	.0	.5	.5	.0	.0
9	13.5	8.5	11.0	---	---	---	.5	.0	.0	.5	.0	.0
10	13.5	7.5	10.5	---	---	---	---	---	---	.5	.0	.0
11	13.0	8.0	10.5	---	---	---	.0	.0	.0	.5	.0	.0
12	12.0	8.0	9.5	---	---	---	---	---	---	---	---	---
13	12.5	7.0	9.5	---	---	---	.0	.0	.0	.5	.0	.0
14	10.0	8.0	9.0	---	---	---	.0	.0	.0	.5	.0	.0
15	12.0	7.0	9.5	---	---	---	.0	.0	.0	.5	.0	.0
16	13.5	8.5	10.5	---	---	---	.0	.0	.0	---	---	---
17	11.0	7.0	9.0	---	---	---	.0	.0	.0	.5	.0	.0
18	11.5	8.5	10.0	---	---	---	.0	.0	.0	---	---	---
19	13.0	9.0	10.5	---	---	---	.0	.0	.0	---	---	---
20	11.0	7.0	9.0	1.5	.5	1.0	.0	.0	.0	---	---	---
21	---	---	---	1.0	.0	.5	---	---	---	---	---	---
22	---	---	---	.0	.0	.0	.0	.0	.0	.5	.0	.5
23	---	---	---	.0	.0	.0	---	---	---	.5	.0	.5
24	---	---	---	.5	.0	.5	.5	.0	.0	.0	.0	.0
25	---	---	---	.5	.0	.5	.0	.0	.0	.0	.0	.0
26	---	---	---	.5	.5	.5	.5	.0	.0	---	---	---
27	---	---	---	.5	.0	.0	.5	.0	.0	---	---	---
28	---	---	---	.0	.0	.0	.5	.0	.0	---	---	---
29	---	---	---	.0	.0	.0	.5	.0	.5	---	---	---
30	---	---	---	.0	.0	.0	.5	.0	.0	---	---	---
31	---	---	---	---	---	---	.5	.0	.0	1.0	1.0	1.0
MONTH	16.0	7.0	10.5	1.5	.0	.5	.5	.0	.0	1.0	.0	.0

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LATITUDE 400048 LONGITUDE 1080533 DRAINAGE AREA 1024.00 DATUM 5928.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	1.0	.5	1.0	7.0	2.0	4.5	7.0	.5	3.5	11.0	9.5	10.0
2	1.0	.5	.5	5.0	2.0	3.5	5.5	2.5	4.0	11.5	8.0	9.5
3	.5	.5	.5	4.5	3.0	4.0	7.5	1.5	4.5	13.0	9.0	11.0
4	.5	.5	.5	6.5	3.5	5.0	9.0	4.5	7.0	13.0	9.5	11.0
5	.5	.5	.5	7.0	4.0	5.0	10.0	5.5	7.5	13.0	9.0	11.0
6	.5	.0	.0	4.0	1.5	3.0	7.5	5.5	6.5	11.5	9.0	10.0
7	.0	.0	.0	5.5	3.5	4.5	6.5	3.5	5.0	10.0	8.5	9.0
8	.0	.0	.0	7.0	3.5	5.0	8.0	1.0	4.5	10.5	8.5	9.5
9	.0	.0	.0	7.5	2.5	4.5	9.5	3.5	6.5	10.0	8.5	9.5
10	.0	.0	.0	8.0	2.5	5.0	8.5	6.0	7.0	11.5	8.0	10.0
11	.0	.0	.0	5.5	2.0	4.0	7.0	4.5	5.5	10.5	8.5	9.0
12	.0	.0	.0	6.0	.0	3.0	8.5	2.5	5.5	8.5	6.5	7.0
13	.0	.0	.0	---	---	---	9.5	2.5	6.0	9.5	5.5	7.5
14	.0	.0	.0	7.5	5.5	6.5	11.5	4.0	7.5	10.0	8.0	9.0
15	.0	.0	.0	7.5	4.0	5.5	11.0	6.0	8.5	12.0	8.0	10.0
16	.0	.0	.0	7.0	3.0	4.5	11.5	5.5	8.5	11.0	9.0	9.5
17	1.5	.0	.5	6.0	.5	3.0	12.0	5.5	9.0	9.5	8.5	9.0
18	3.5	1.5	2.5	7.5	1.0	4.0	12.5	6.5	9.5	12.5	7.5	10.0
19	4.5	1.5	3.0	9.0	3.5	6.5	11.0	7.0	9.5	14.0	9.5	11.5
20	3.5	1.5	2.5	9.5	4.0	7.0	13.0	7.5	10.5	14.0	10.0	.0
21	5.0	1.0	3.5	9.5	4.0	7.0	12.5	8.0	10.5	14.5	10.0	12.5
22	5.5	2.0	4.0	7.5	5.5	6.5	11.0	9.5	10.0	13.5	10.0	12.0
23	3.5	.5	2.5	8.0	4.5	6.0	10.5	8.0	9.0	13.0	9.5	11.5
24	4.0	.5	2.0	8.5	4.0	6.5	10.0	8.0	8.5	11.0	8.5	9.5
25	3.5	.5	1.5	6.5	3.5	5.0	11.5	6.0	9.0	9.0	6.5	8.0
26	5.5	1.0	3.0	7.5	1.5	4.5	12.0	7.0	9.5	10.5	7.0	9.0
27	7.0	1.5	4.5	8.0	1.5	4.5	12.0	7.5	9.5	12.0	8.0	10.0
28	7.0	2.0	5.0	5.5	3.0	4.0	12.0	7.5	9.5	12.0	8.5	10.5
29	6.0	3.0	4.5	7.0	2.0	4.0	10.5	9.0	9.5	10.5	9.0	9.5
30	---	---	---	4.5	1.0	3.0	9.5	8.0	8.5	12.0	7.5	9.5
31	---	---	---	5.0	.0	2.5	---	---	---	10.5	8.0	9.0
MONTH	7.0	.0	1.5	9.5	.0	4.5	13.0	.5	7.5	14.5	5.5	9.5

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LATITUDE 400048 LONGITUDE 1080533 DRAINAGE AREA 1024.00 DATUM 5928.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	8.5	8.0	8.5	20.5	16.5	18.5	---	---	---	16.5	10.0	13.5
2	11.0	7.0	9.0	18.0	16.0	17.0	---	---	---	17.0	11.0	14.0
3	12.0	10.5	11.0	20.0	14.5	17.5	---	---	---	18.0	12.0	15.0
4	12.0	8.5	10.0	20.5	15.5	18.0	---	---	---	18.5	12.0	15.0
5	12.5	8.5	10.5	20.0	14.0	17.5	---	---	---	18.5	12.5	15.5
6	12.0	8.5	10.5	20.0	13.5	17.5	24.5	17.5	21.0	18.5	14.0	16.0
7	12.5	8.5	10.5	18.5	15.5	17.5	25.0	18.0	21.5	17.5	15.0	16.0
8	13.0	9.0	11.0	20.5	15.5	18.0	24.0	18.0	21.5	16.5	14.0	15.0
9	14.0	9.5	12.0	21.0	15.5	18.5	23.0	18.5	21.0	15.0	13.0	14.0
10	14.5	10.0	12.5	21.0	16.5	19.0	23.0	17.0	20.0	15.0	13.5	14.0
11	14.0	10.5	12.5	21.5	17.0	19.5	22.5	15.5	19.0	16.0	11.0	13.5
12	14.0	10.0	12.0	21.0	17.0	19.5	20.0	14.5	17.5	17.0	12.5	14.5
13	14.0	10.0	12.0	19.5	17.0	18.5	20.0	15.0	17.5	16.5	11.5	14.0
14	13.5	10.0	12.0	20.0	15.0	18.0	20.5	15.0	17.5	16.0	11.0	13.5
15	14.0	10.0	12.0	21.5	15.0	18.5	20.0	16.5	18.0	15.5	11.0	13.5
16	14.5	10.0	12.5	22.5	16.0	19.5	20.0	14.0	17.0	17.0	12.5	14.5
17	15.5	11.0	13.0	22.0	17.0	19.5	18.5	13.0	16.0	16.0	10.5	13.5
18	16.0	12.0	14.0	22.0	17.0	20.0	19.0	12.5	16.0	16.0	10.0	13.0
19	15.5	12.5	14.0	21.0	17.0	19.0	17.5	13.0	15.0	16.0	12.0	14.0
20	16.5	11.0	13.5	22.5	16.0	19.5	18.5	11.5	15.0	16.5	11.5	14.0
21	16.5	12.0	14.0	23.0	17.0	20.0	19.0	12.0	15.5	13.5	10.0	12.0
22	17.0	12.0	14.5	23.0	17.0	20.0	19.0	12.5	16.0	13.5	8.0	11.0
23	16.5	12.5	14.5	22.0	17.5	19.5	18.5	14.5	16.5	13.0	7.5	10.5
24	17.5	12.0	14.5	22.0	17.0	19.5	18.0	15.0	16.5	13.5	8.0	10.5
25	18.5	12.5	15.5	22.5	16.5	20.0	17.5	14.0	16.0	13.5	8.0	11.0
26	19.0	13.5	16.5	23.0	17.0	20.0	19.5	13.0	16.0	14.0	8.0	11.0
27	19.0	14.5	17.0	23.5	17.0	20.5	18.5	13.5	16.0	13.5	9.0	11.5
28	19.0	13.0	16.5	24.0	17.5	21.0	18.0	13.0	15.5	13.5	9.0	11.5
29	18.5	13.5	16.5	22.0	17.5	20.0	16.5	13.0	15.0	14.5	9.0	12.0
30	20.5	16.0	18.0	---	---	---	14.5	11.5	13.0	14.5	9.0	11.5
31	---	---	---	---	---	---	14.5	10.5	13.0	---	---	---
MONTH	20.5	7.0	13.0	24.0	13.5	19.0	25.0	10.5	17.0	18.5	7.5	13.5
YEAR	25.0	.0	8.5									

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09304800 WHITE RIVER BELOW MEEKER, CO. STREAM SOURCE AGENCY USGS
LATITUDE 400048 LONGITUDE 1080533 DRAINAGE AREA 1024.00 DATUM 5928.00 STATE 08 COUNTY 103

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1			303			380			350			360
2			312			420			350			390
3			326			415			360			390
4			316			442			400			390
5			345			425			440			390
6			365			405			430			370
7			365			425			420			380
8			345			420			410			370
9			340			415			400			370
10			345			410			390			370
11			350			405			420			294
12			365			395			285			390
13			365			380			321			400
14			415			390			335			420
15			385			390			410			400
16			375			390			442			380
17			380			385			448			380
18			395			420			405			360
19			415			410			405			350
20			460			415			442			340
21			550			390			448			340
22			502			380			460			330
23			466			360			460			310
24			472			380			405			290
25			466			380			502			290
26			460			370			425			350
27			454			360			430			360
28			448			360			370			350
29			460			350			350			350
30			460			350			330			350
31			415						360			310
MONTH			401			394			400			359

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09304800 WHITE RIVER BELOW MEEKER, CO. STREAM SOURCE AGENCY USGS
LATITUDE 400048 LONGITUDE 1080533 DRAINAGE AREA 1024.00 DATUM 5928.00 STATE 08 COUNTY 103

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1			380			326			321			1030
2			385			303			358			912
3			350			321			335			931
4			340			326			337			986
5			330			330			358			1040
6			340			330			383			1140
7			340			330			373			1330
8			320			326			322			1370
9			300			321			359			1450
10			310			321			392			1410
11			340			321			369			1560
12			360			340			351			1620
13			390			340			347			1360
14			360			335			363			1220
15			370			335			406			1170
16			380			350			438			1150
17			370			298			457			1400
18			410			316			495			1250
19			520			350			562			1240
20			490			347			619			1420
21			410			355			716			1680
22			365			387			836			2140
23			340			372			862			2540
24			303			358			867			2690
25			273			381			811			2240
26			285			363			832			1930
27			316			327			846			1890
28			335			352			909			2120
29			370			341			1010			2330
30						333			1090			2030
31						341						2090
MONTH			358			338			557			1570

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09304800 WHITE RIVER BELOW MEEKER, CO. STREAM SOURCE AGENCY USGS
LATITUDE 400048 LONGITUDE 1080533 DRAINAGE AREA 1024.00 DATUM 5928.00 STATE 08 COUNTY 103

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1			2080			1020			327			361
2			1980			1300			364			352
3			1910			1230			335			331
4			2040			996			334			345
5			2200			889			318			337
6			2320			782			309			337
7			2390			742			302			313
8			2410			707			296			334
9			2400			660			343			341
10			2390			643			341			350
11			2470			625			287			385
12			2730			582			272			384
13			2810			606			266			411
14			2690			664			298			388
15			2430			599			366			384
16			2250			539			420			396
17			2050			502			455			389
18			1960			470			450			379
19			1910			464			416			369
20			1770			459			428			364
21			1720			437			338			380
22			1650			386			309			377
23			1580			385			316			379
24			1490			384			349			364
25			1400			402			375			366
26			1330			390			393			360
27			1220			364			365			361
28			1110			364			362			357
29			1030			331			348			346
30			969			348			344			342
31						347			350			
MONTH			1960			601			348			363
YEAR	---	---	637									

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09304800 WHITE RIVER BELOW MEEKER, CO. STREAM SOURCE AGENCY USGS
LATITUDE 400048 LONGITUDE 1080533 DRAINAGE AREA 1024.00 DATUM 5928.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	760	747	754	---	---	---	723	671	702			
2	756	747	751	---	---	---	---	---	---			
3	744	718	734	---	---	---	---	---	---			
4	726	713	720	---	---	---	---	---	---			
5	718	694	706	---	---	---	---	---	---			
6	703	675	688	---	---	---	---	---	---			
7	688	675	682	---	---	---	---	---	---			
8	694	681	688	---	---	---	---	---	---			
9	690	670	680	---	---	---	---	---	---			
10	677	659	667	---	---	---	---	---	---			
11	672	655	665	---	---	---	---	---	---			
12	666	646	655	---	---	---	---	---	---			
13	675	666	671	---	---	---	---	---	---			
14	668	632	649	---	---	---	---	---	---			
15	655	630	645	---	---	---	---	---	---			
16	655	643	650	---	---	---	---	---	---			
17	652	641	648	---	---	---	---	---	---			
18	650	641	647	---	---	---	---	---	---			
19	650	630	641	---	---	---	---	---	---			
20	650	624	634	594	579	585	---	---	---			
21	---	---	---	606	586	594	---	---	---			
22	---	---	---	644	607	620	---	---	---			
23	---	---	---	664	646	655	---	---	---			
24	---	---	---	664	606	627	---	---	---			
25	---	---	---	606	583	593	---	---	---			
26	---	---	---	595	588	591	---	---	---			
27	---	---	---	612	592	602	---	---	---			
28	---	---	---	625	602	606	---	---	---			
29	---	---	---	673	628	650	---	---	---			
30	---	---	---	702	676	693	---	---	---			
31	---	---	---	---	---	---	---	---	---			
MONTH	760	624	679	702	579	620	723	671	702			

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09304800 WHITE RIVER BELOW MEEKER, CO. STREAM SOURCE AGENCY USGS
LATITUDE 400048 LONGITUDE 1080533 DRAINAGE AREA 1024.00 DATUM 5928.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	672	628	647	769	695	734	439	424	428
2	---	---	---	687	632	655	799	712	743	446	460	435
3	---	---	---	639	626	632	756	702	730	446	424	432
4	---	---	---	669	621	645	756	706	732	427	409	419
5	---	---	---	668	632	651	784	738	755	425	395	405
6	---	---	---	650	608	634	812	769	788	400	367	377
7	---	---	---	660	610	638	800	763	780	376	339	355
8	---	---	---	675	628	650	774	711	747	368	343	353
9	---	---	---	682	646	663	818	750	803	389	336	347
10	---	---	---	695	648	670	853	779	806	354	339	346
11	---	---	---	678	646	662	806	773	789	376	327	340
12	---	---	---	660	625	639	813	739	771	379	541	358
13	---	---	---	---	---	---	824	730	759	405	369	397
14	---	---	---	697	654	670	805	735	761	401	394	397
15	---	---	---	765	672	709	779	711	752	407	401	404
16	---	---	---	733	662	695	729	677	709	406	381	390
17	---	---	---	724	646	678	716	665	688	431	399	417
18	614	444	528	752	614	673	700	637	668	416	407	410
19	594	502	553	745	635	677	672	594	629	409	385	392
20	614	552	581	719	652	678	624	569	592	386	343	355
21	713	582	645	724	666	696	573	530	549	349	307	321
22	704	643	669	752	687	720	533	484	504	319	276	291
23	674	627	652	756	702	728	506	481	495	292	260	273
24	697	529	623	731	699	719	505	488	495	286	257	269
25	704	541	626	749	693	720	497	488	491	303	273	288
26	733	521	622	722	672	692	494	463	475	329	299	309
27	690	594	633	745	695	734	466	447	455	339	303	312
28	725	612	645	825	727	760	452	426	437	310	281	292
29	670	632	647	769	698	730	434	399	411	289	268	278
30	---	---	---	752	711	732	440	405	418	307	282	292
31	---	---	---	760	692	719	---	---	---	292	269	278
MONTH	733	444	619	825	608	684	853	399	649	446	257	354

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY   PROCESS DATE IS 07-08-81

STATION NUMBER 09304800 WHITE RIVER BELOW MEEKER, CO. STREAM SOURCE AGENCY USGS
LATITUDE 400048 LONGITUDE 1080533 DRAINAGE AREA 1024.00 DATUM 5928.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	283	267	276	427	404	414	---	---	---	707	690	700
2	290	274	282	487	411	461	---	---	---	713	694	702
3	281	272	276	469	440	454	---	---	---	710	685	699
4	277	252	263	453	444	448	---	---	---	686	666	675
5	266	242	252	459	447	454	---	---	---	675	666	671
6	253	234	243	473	456	463	745	732	739	692	669	683
7	249	233	241	488	472	479	747	732	741	725	692	702
8	250	237	243	500	482	491	760	739	752	707	695	701
9	252	238	245	508	491	498	758	723	735	705	688	699
10	250	235	243	520	508	514	734	723	727	704	692	699
11	247	231	237	521	509	515	749	739	743	708	673	689
12	238	225	230	539	524	532	764	743	758	709	668	685
13	234	221	227	545	529	538	781	766	777	692	657	671
14	236	226	230	585	539	559	779	760	770	665	639	654
15	247	230	237	559	545	553	787	761	769	656	638	648
16	257	244	250	584	555	561	765	738	752	649	628	639
17	268	255	261	575	557	566	738	689	708	640	622	632
18	275	261	268	656	564	579	701	687	694	649	625	634
19	276	264	269	585	569	577	699	683	691	644	630	636
20	291	271	281	580	567	576	690	659	674	646	616	635
21	291	278	285	589	575	583	768	696	733	623	612	618
22	294	283	287	612	587	600	781	734	766	626	613	621
23	302	284	293	614	607	610	776	752	767	630	617	624
24	318	293	302	632	607	619	774	749	761	642	626	635
25	333	318	324	627	605	615	752	732	745	637	620	630
26	339	329	334	630	612	620	763	731	751	641	625	633
27	351	332	340	637	623	631	766	733	753	644	614	632
28	368	345	360	644	630	636	737	713	728	638	616	631
29	399	370	386	671	653	664	723	712	718	652	623	638
30	427	399	407	---	---	---	723	710	717	641	624	633
31	---	---	---	---	---	---	718	701	710	---	---	---
MONTH	427	221	279	671	404	545	787	659	738	725	612	658
YEAR	853	221	570									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306007 PICEANCE CREEK BELOW RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394934 LONGITUDE 1081057 DRAINAGE AREA 177.00 DATUM 6366.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	16.5	6.5	11.0	6.5	.0	3.0	.5	.0	.5	---	---	---
2	15.5	7.0	10.5	7.5	1.5	4.0	---	---	---	---	---	---
3	15.0	6.5	10.5	7.5	1.5	4.0	---	---	---	---	---	---
4	15.0	5.0	9.5	8.0	3.5	5.5	5.0	1.0	3.0	5.0	2.0	3.0
5	15.0	5.5	10.0	8.5	2.5	5.0	5.0	2.0	3.5	4.0	.5	2.0
6	15.5	5.5	10.0	8.5	2.0	5.5	5.0	.0	2.0	3.0	.0	1.5
7	16.0	6.0	10.5	7.5	5.0	6.0	5.5	.5	3.0	3.0	.0	1.0
8	15.0	6.0	10.0	7.5	4.5	5.5	6.0	3.0	4.0	4.5	.0	2.5
9	14.0	6.0	9.5	7.5	4.0	5.5	5.0	1.0	3.0	4.5	2.0	3.5
10	14.5	5.5	9.5	7.0	2.0	4.5	5.0	1.0	3.0	---	---	---
11	14.5	5.5	9.5	6.0	3.0	4.5	---	---	---	---	---	---
12	14.0	5.5	9.5	6.5	.5	3.5	---	---	---	---	---	---
13	14.0	6.0	10.0	6.5	.5	3.5	---	---	---	---	---	---
14	11.0	6.5	9.0	---	---	---	---	---	---	---	---	---
15	13.5	6.0	10.0	---	---	---	---	---	---	---	---	---
16	13.5	7.5	10.0	6.0	.0	3.0	---	---	---	---	---	---
17	12.0	5.0	8.5	6.0	.0	3.5	---	---	---	---	---	---
18	13.0	8.0	10.0	7.0	3.5	5.0	---	---	---	---	---	---
19	13.0	8.5	10.5	3.5	1.5	2.5	---	---	---	---	---	---
20	10.0	4.5	7.5	5.0	1.5	3.0	---	---	---	---	---	---
21	9.0	5.0	6.5	3.5	.5	2.0	---	---	---	---	---	---
22	10.5	3.0	6.0	1.5	.0	.5	---	---	---	---	---	---
23	11.5	4.0	7.5	3.0	.0	1.0	---	---	.0	1.0	.0	.0
24	11.0	4.5	7.5	4.5	1.0	2.5	---	---	---	4.5	.0	2.0
25	12.0	4.5	8.0	4.5	2.5	3.5	---	---	---	5.5	1.0	2.5
26	12.0	6.0	8.5	4.0	2.0	3.0	---	---	---	3.0	.0	1.5
27	11.0	4.5	7.5	2.5	.0	.5	---	---	---	3.5	.0	1.0
28	9.5	3.5	6.0	.0	.0	.0	---	---	---	1.0	.0	.0
29	6.5	4.5	5.5	.5	.0	.0	---	---	---	6.0	.0	2.5
30	7.0	3.0	4.5	.5	.0	.0	---	---	---	2.5	.0	1.5
31	6.5	.5	3.5	---	---	---	---	---	---	.0	.0	.0
MONTH	16.5	.5	8.5	8.5	.0	3.0	6.0	.0	2.5	6.0	.0	1.5

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306007 PICEANCE CREEK BELOW RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394934 LONGITUDE 1081057 DRAINAGE AREA 177.00 DATUM 6366.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	3.5	.0	1.0	11.0	3.0	6.0	---	---	---	11.0	8.0	9.5
2	5.5	.5	3.0	6.5	.5	3.5	---	---	---	12.0	5.5.	8.5
3	6.5	2.0	4.5	8.0	3.0	5.0	---	---	---	---	---	---
4	7.0	2.0	4.5	9.0	3.0	5.5	---	---	---	---	---	---
5	5.0	.0	2.0	9.5	2.5	---	---	---	---	---	---	---
6	5.5	1.0	3.0	---	---	---	---	---	---	---	---	---
7	6.0	1.0	3.5	---	---	---	---	---	---	10.5	7.5	9.0
8	3.0	.0	.5	---	---	---	---	---	---	---	---	---
9	.0	.0	.0	---	---	---	---	---	---	---	---	---
10	.5	.0	.0	---	---	---	10.5	4.5	7.0	---	---	---
11	.5	.0	.0	---	---	---	11.0	2.5	6.0	---	---	---
12	3.5	.0	1.0	---	---	---	13.0	1.0	6.0	---	---	---
13	---	---	---	---	---	---	14.5	.5	7.0	---	---	---
14	---	---	---	---	---	---	16.5	1.0	7.0	---	---	---
15	---	---	---	---	---	---	13.0	3.0	8.0	11.5	6.5	9.5
16	---	---	---	---	---	---	---	---	---	11.0	6.0	8.0
17	---	---	---	---	---	---	---	---	---	10.0	5.5	7.5
18	---	---	---	---	---	---	---	---	---	13.5	4.5	8.5
19	---	---	---	---	---	---	---	---	---	14.5	5.5	10.0
20	6.5	5.0	5.5	---	---	---	---	---	---	15.0	6.5	11.0
21	8.0	3.5	5.5	---	---	---	---	---	---	16.5	7.0	11.5
22	7.0	3.5	5.0	---	---	---	---	---	---	15.5	7.5	11.5
23	6.0	1.5	3.5	---	---	---	---	---	---	14.5	7.5	11.0
24	8.0	.0	3.5	---	---	---	---	---	---	11.5	7.0	9.0
25	7.5	.0	2.5	---	---	---	---	---	---	10.5	4.0	7.5
26	9.5	.0	4.0	---	---	---	---	---	---	12.5	4.5	8.5
27	10.0	.0	4.5	---	---	---	---	---	---	14.5	5.0	10.0
28	10.0	.0	5.0	---	---	---	---	---	---	14.5	6.0	10.0
29	7.5	3.5	5.0	---	---	---	---	---	---	12.0	7.5	9.5
30	---	---	---	---	---	---	---	---	---	15.0	6.0	10.0
31	---	---	---	---	---	---	---	---	---	14.0	5.5	9.5
MONTH	10.0	.0	3.0	11.0	.5	5.0	16.5	.5	7.0	16.5	4.0	9.5

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306007 PICEANCE CREEK BELOW RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394934 LONGITUDE 1081057 DRAINAGE AREA 177.00 DATUM 6366.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	12.5	6.0	9.0	21.5	13.0	16.0	18.0	11.0	14.0	18.0	6.0	11.5
2	15.0	5.5	10.0	17.5	13.5	15.0	20.5	10.0	13.5	20.5	7.0	12.5
3	16.5	6.0	11.0	20.0	11.0	15.0	18.0	8.5	13.0	18.0	7.5	12.5
4	17.5	6.0	11.0	20.0	10.5	14.5	19.5	8.0	13.0	20.0	7.5	13.0
5	19.0	6.5	12.0	19.5	10.0	14.0	19.5	8.0	13.5	18.0	7.5	13.0
6	18.5	7.0	12.0	20.0	9.5	14.5	21.0	9.0	14.0	17.5	9.5	13.0
7	19.5	7.0	12.5	17.5	11.0	14.0	21.5	9.5	14.5	16.0	10.5	13.0
8	18.5	7.0	12.5	20.5	12.0	15.5	21.5	9.5	15.0	14.5	10.0	12.0
9	19.5	7.5	13.0	19.0	11.0	15.0	23.0	11.0	15.5	13.5	10.0	11.5
10	20.5	8.0	14.0	20.0	11.5	15.5	21.0	9.5	14.5	---	---	---
11	20.0	8.0	13.5	20.5	12.5	16.0	21.0	8.0	14.0	---	---	---
12	17.5	7.5	11.0	19.0	12.0	15.0	19.5	8.0	13.5	---	---	---
13	18.5	10.5	14.0	19.0	12.5	14.5	16.5	10.0	13.5	---	---	---
14	18.5	7.0	12.0	21.0	11.5	15.5	20.0	10.5	14.0	---	---	---
15	19.0	7.5	12.5	21.5	10.0	15.5	19.5	11.5	15.0	---	---	---
16	20.0	7.5	13.0	21.5	13.0	15.5	15.5	9.0	12.5	---	---	---
17	20.0	8.0	13.5	20.5	10.5	15.0	18.5	8.0	12.5	---	---	---
18	20.0	8.5	14.0	20.5	10.5	15.0	20.0	8.0	13.0	---	---	---
19	17.5	9.5	13.5	20.0	11.5	15.0	18.5	8.0	13.0	17.0	11.5	14.5
20	20.0	8.5	14.0	21.5	10.0	15.0	19.0	7.5	12.5	17.5	8.5	12.0
21	---	---	---	21.0	10.0	15.0	19.5	7.0	13.0	15.0	6.0	10.5
22	---	---	---	20.0	10.0	14.5	19.5	7.0	13.0	15.5	5.0	10.0
23	---	---	---	19.0	10.5	14.0	18.0	9.5	13.5	14.5	4.5	7.5
24	---	---	---	19.5	9.5	14.0	17.0	11.0	13.5	---	---	---
25	---	---	---	19.5	9.5	14.0	17.0	10.0	13.0	---	---	---
26	20.5	12.0	16.5	20.5	9.0	14.5	20.5	8.5	13.5	11.5	5.0	6.5
27	20.5	10.0	14.5	21.5	9.5	15.0	19.0	8.0	13.5	13.0	6.0	9.0
28	20.0	8.5	14.0	22.0	9.0	15.0	19.5	8.5	13.5	15.0	6.0	10.5
29	21.5	9.5	15.0	19.5	9.5	14.0	16.5	8.5	12.5	14.5	6.5	9.0
30	20.0	12.0	15.5	19.0	11.0	14.5	16.0	7.5	11.0	17.0	7.5	13.0
31	---	---	---	20.5	10.0	15.0	14.0	7.0	10.5	---	---	---
MONTH	21.5	5.5	13.0	22.0	9.0	15.0	23.0	7.0	13.5	20.5	4.5	11.5
YEAR	23.0	.0	9.0									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306007 PICEANCE CREEK BELOW RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394934 LONGITUDE 1081057 DRAINAGE AREA 177.00 DATUM 6366.00 STATE 08 COUNTY 103

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1			6.2			15			11			11
2			5.9			15			11			10
3			5.9			14			11			9.9
4			5.9			14			9.6			9.9
5			6.2			14			9.6			9.9
6			6.2			14			9.6			9.2
7			5.9			13			9.9			9.9
8			5.9			13			9.9			9.9
9			5.9			13			9.9			9.9
10			6.8			13			9.9			10
11			7.7			13			10			10
12			7.1			13			10			9.9
13			6.5			13			10			10
14			6.8			13			10			12
15			7.1			12			10			11
16			8.0			12			10			9.9
17			8.3			12			10			9.9
18			8.7			12			10			9.6
19			9.4			12			10			9.2
20			11			12			10			8.9
21			11			12			10			9.0
22			12			12			11			9.0
23			13			12			11			8.9
24			14			12			11			8.8
25			14			12			11			8.7
26			14			11			10			8.4
27			14			11			11			8.8
28			14			11			11			9.1
29			17			11			11			9.1
30			16			11			11			9.1
31			15						11			9.0
MONTH			9.5			13			10			9.6

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306007 PICEANCE CREEK BELOW RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394934 LONGITUDE 1081057 DRAINAGE AREA 177.00 DATUM 6366.00 STATE 08 COUNTY 103

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1			9.0			11			12			58
2			8.9			10			12			56
3			8.9			11			12			61
4			8.9			11			12			67
5			8.9			11			13			71
6			8.9			11			13			72
7			9.0			11			13			83
8			9.0			11			13			96
9			8.9			10			14			98
10			8.8			10			14			101
11			8.7			11			14			105
12			8.6			11			14			131
13			8.5			11			14			130
14			8.5			11			15			125
15			9.1			12			16			128
16			9.1			12			19			129
17			8.8			11			22			135
18			12			11			29			126
19			13			11			48			111
20			12			11			63			103
21			11			12			74			97
22			11			12			77			94
23			11			12			60			93
24			9.9			12			51			89
25			9.7			12			45			83
26			9.6			12			42			79
27			10			11			40			72
28			11			12			40			65
29			11			12			38			55
30						12			45			52
31						12						47
MONTH			9.7			11			30			91

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY   PROCESS DATE IS 07-08-81

STATION NUMBER   09306007 PICEANCE CREEK BELOW RIO BLANCO, CO.   STREAM   SOURCE AGENCY USGS
LATITUDE 394934   LONGITUDE 1081057   DRAINAGE AREA   177.00   DATUM 6366.00   STATE 08 COUNTY 103

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1			42			10			21			15
2			41			12			22			12
3			35			11			22			13
4			37			9.1			25			13
5			26			8.8			27			13
6			25			8.8			25			13
7			21			8.6			21			14
8			20			10			22			15
9			19			11			22			15
10			20			11			21			12
11			16			11			20			9.6
12			15			11			20			9.4
13			13			9.3			20			10
14			12			11			19			9.7
15			12			12			18			9.3
16			12			11			18			10
17			11			12			18			8.1
18			10			13			17			7.4
19			9.4			9.9			16			7.6
20			7.9			10			16			9.4
21			8.5			9.9			15			9.2
22			9.8			9.2			16			9.5
23			9.2			9.9			15			6.1
24			8.0			11			16			4.0
25			8.2			12			16			1.6
26			7.5			13			16			4.6
27			7.8			12			16			5.5
28			7.1			13			15			8.1
29			8.4			14			14			5.4
30			8.8			16			15			5.1
31						21			16			
MONTH			16			11			19			9.5
YEAR	---	---	20									

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306007 PICEANCE CREEK BELOW RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394934 LONGITUDE 1081057 DRAINAGE AREA 177.00 DATUM 6366.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	1130	1090	1110	1090	1080	1080	1070	1030	1050	---	---	---
2	1130	1090	1120	1080	1070	1080	---	---	---	---	---	---
3	1130	1100	1120	1080	1070	1080	---	---	---	---	---	---
4	1140	1120	1130	1080	1060	1080	1080	1080	1080	1090	1080	1090
5	1150	1120	1140	1080	1050	1070	1090	1070	1080	1100	1080	1090
6	1150	1110	1140	1090	1060	1070	1080	1070	1070	1100	1090	1090
7	1170	1120	1150	1070	1040	1060	1070	1060	1070	1100	1060	1090
8	1200	1160	1180	1070	1050	1070	1080	1060	1070	1090	1060	1080
9	1210	1160	1190	1070	1060	1070	1080	1060	1070	1080	1050	1070
10	1200	1140	1180	1080	1060	1070	1070	1050	1060	---	---	---
11	1180	1120	1150	1070	1060	1070	---	---	---	---	---	---
12	1160	1100	1140	1070	1060	1070	---	---	---	---	---	---
13	1160	1100	1140	1070	1070	1070	---	---	---	---	---	---
14	1160	1110	1140	1070	1060	1060	---	---	---	---	---	---
15	1180	1120	1150	---	---	---	---	---	---	---	---	---
16	1170	1120	1150	1080	1070	1080	---	---	---	---	---	---
17	1170	1130	1160	1090	1070	1080	---	---	---	---	---	---
18	1180	1130	1160	1080	1050	1070	---	---	---	---	---	---
19	1190	1140	1170	1070	1030	1050	---	---	---	---	---	---
20	1200	1150	1170	1060	1030	1050	---	---	---	---	---	---
21	1210	1170	1190	1070	1060	1070	---	---	---	---	---	---
22	1200	1150	1170	1120	1040	1080	---	---	---	---	---	---
23	1170	1110	1140	1120	1040	1090	---	---	---	1150	1020	1080
24	1120	1100	1110	1090	1080	1080	---	---	---	1120	1050	1090
25	1120	1100	1110	1070	1070	1070	---	---	---	1090	1070	1080
26	1110	1080	1100	1080	1040	1060	---	---	---	1090	1070	1080
27	1110	1100	1110	1090	1050	1070	---	---	---	1120	1020	1080
28	1120	1090	1110	1170	1090	1120	---	---	---	1070	1030	1040
29	1120	1050	1090	1140	1060	1110	---	---	---	1070	1040	1050
30	1090	1080	1090	1110	1030	1070	---	---	---	1100	1050	1070
31	1090	1080	1090	---	---	---	---	---	---	1210	1030	1120
MONTH	1210	1050	1140	1170	1030	1070	1090	1030	1070	1210	1020	1080

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306007 PICEANCE CREEK BELOW RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394934 LONGITUDE 1081057 DRAINAGE AREA 177.00 DATUM 6366.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	1120	1020	1080	1070	1040	1060	---	---	---	774	764	769
2	1070	1060	1070	1090	1060	1070	---	---	---	770	734	759
3	1080	1060	1070	1080	1010	1050	---	---	---	---	---	---
4	1070	1050	1070	1060	1020	1040	---	---	---	---	---	---
5	1120	1050	1080	1070	1030	1060	---	---	---	---	---	---
6	1080	1050	1070	---	---	---	---	---	---	---	---	---
7	1070	1000	1060	---	---	---	---	---	---	732	706	719
8	1140	1010	1080	---	---	---	---	---	---	---	---	---
9	1210	1010	1120	---	---	---	---	---	---	---	---	---
10	1150	1010	1060	---	---	---	1040	958	1010	---	---	---
11	1160	1010	1090	---	---	---	1030	952	1010	---	---	---
12	1150	1000	1080	---	---	---	1030	936	996	---	---	---
13	1080	1070	1070	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	1020	972	1000	744	736	741
16	---	---	---	---	---	---	---	---	---	754	732	749
17	---	---	---	---	---	---	---	---	---	770	738	751
18	---	---	---	---	---	---	---	---	---	770	754	761
19	---	---	---	---	---	---	---	---	---	788	770	780
20	1020	984	1000	---	---	---	---	---	---	796	788	792
21	1050	1020	1040	---	---	---	---	---	---	796	792	794
22	1060	1050	1060	---	---	---	---	---	---	798	790	795
23	1060	1030	1060	---	---	---	---	---	---	806	796	801
24	1080	1060	1070	---	---	---	---	---	---	818	808	812
25	1140	1040	1080	---	---	---	---	---	---	830	816	822
26	1090	1050	1070	---	---	---	---	---	---	844	832	836
27	1090	932	1040	---	---	---	---	---	---	854	846	850
28	1070	902	1010	---	---	---	---	---	---	860	854	857
29	1060	988	1040	---	---	---	---	---	---	880	862	866
30	---	---	---	---	---	---	---	---	---	873	865	868
31	---	---	---	---	---	---	---	---	---	878	868	872
MONTH	1210	902	1060	1090	1010	1060	1040	936	1000	880	706	800

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306007 PICEANCE CREEK BELOW RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394934 LONGITUDE 1081057 DRAINAGE AREA 177.00 DATUM 6366.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	879	869	871	1240	1110	1200	1130	1090	1110	1060	1020	1040
2	882	874	877	1200	1140	1170	1100	1090	1100	1070	1030	1050
3	903	879	890	1210	1140	1170	1100	1080	1090	1070	1030	1050
4	906	872	896	1210	1180	1190	1090	1070	1080	1060	1030	1050
5	996	976	984	1200	1160	1190	1080	1060	1070	1060	1030	1050
6	1050	992	1010	1190	1160	1180	1080	1070	1070	1070	1030	1050
7	1070	1020	1040	1190	1150	1170	1090	1060	1080	1060	1020	1040
8	1080	1070	1080	1170	1130	1150	1100	1090	1090	1060	1020	1050
9	1090	1060	1080	1160	1130	1150	1090	1080	1090	1060	1040	1050
10	1100	1060	1080	1190	1140	1160	1090	1060	1080	---	---	---
11	1110	1090	1100	1180	1150	1170	1060	1050	1060	---	---	---
12	1100	1090	1090	1210	1140	1170	1060	1050	1060	---	---	---
13	1110	1100	1100	1200	1160	1180	1060	1020	1050	---	---	---
14	1130	1090	1110	1200	1160	1180	1060	1040	1050	---	---	---
15	1160	1040	1130	1170	1150	1160	1070	1030	1050	---	---	---
16	1190	1140	1160	1180	1130	1150	1070	1050	1070	---	---	---
17	1200	1170	1190	1150	1120	1130	1070	1050	1060	---	---	---
18	1220	1180	1200	1200	1130	1150	1060	1040	1050	---	---	---
19	1230	1170	1190	1230	1170	1210	1060	1040	1050	1120	1090	1100
20	1230	1180	1200	1230	1150	1200	1060	1030	1050	1120	1080	1100
21	---	---	---	1270	1220	1240	1060	1030	1050	1120	1090	1100
22	---	---	---	1300	1210	1260	1060	1030	1050	1120	1090	1110
23	---	---	---	1310	1180	1230	1060	1030	1050	1120	1100	1120
24	---	---	---	1210	1170	1190	1050	1020	1040	---	---	---
25	---	---	---	1190	1150	1170	1060	1030	1050	---	---	---
26	1220	1190	1200	1180	1140	1160	1060	1020	1040	1140	1140	1140
27	1220	1190	1200	1180	1130	1160	1060	1020	1040	1150	1130	1140
28	1220	1200	1210	1170	1120	1150	1060	1020	1040	1150	1110	1130
29	1210	1160	1180	1170	1130	1150	1060	1020	1040	1140	1120	1140
30	1260	1170	1200	1170	1120	1150	1060	1030	1040	1200	1120	1140
31	---	---	---	1130	1110	1120	1050	1030	1040	---	---	---
MONTH	1260	869	1090	1310	1110	1170	1130	1020	1060	1200	1020	1090
YEAR	1310	706	1070									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306007 PICEANCE CREEK BELOW RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394934 LONGITUDE 1081057 DRAINAGE AREA 177.00 DATUM 6366.00 STATE 08 COUNTY 103

OXYGEN, DISSOLVED (DO), MG/L, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	9.7	7.0	8.3	10.9	9.0	10.0				---	---	---
2	9.8	7.1	8.4	10.7	8.9	9.8				---	---	---
3	9.7	7.2	8.3	10.5	8.8	9.7				---	---	---
4	9.9	7.3	8.6	10.2	8.6	9.4				10.0	9.2	9.7
5	10.1	7.3	8.6	10.4	8.6	9.4				10.4	9.4	9.9
6	10.1	7.1	8.6	10.4	8.5	9.5				10.2	9.6	9.9
7	10.0	7.0	8.4	10.0	8.5	9.2				10.3	9.4	9.9
8	10.1	7.0	8.4	10.0	8.6	9.2				10.5	9.6	10.1
9	10.1	7.3	8.5	10.3	8.6	9.3				10.7	9.8	10.2
10	10.1	7.3	8.6	10.5	8.7	9.5				---	---	---
11	9.9	7.2	8.6	10.5	9.0	9.6				---	---	---
12	10.1	7.2	8.6	10.8	9.1	9.9				---	---	---
13	9.8	7.2	8.4	10.8	9.0	9.8				---	---	---
14	9.9	7.7	8.6	---	---	---				---	---	---
15	9.7	7.1	8.3	---	---	---				---	---	---
16	9.5	7.2	8.1	11.2	9.3	10.2				---	---	---
17	10.2	7.7	8.6	11.1	9.1	.0				---	---	---
18	9.6	7.5	8.4	10.1	9.0	9.4				---	---	---
19	9.6	7.4	8.3	10.5	9.6	10.0				---	---	---
20	9.3	7.8	8.7	10.7	9.3	10.0				---	---	---
21	10.1	8.6	9.2	11.0	9.7	10.3				---	---	---
22	10.4	8.4	9.4	10.8	8.9	10.3				---	---	---
23	10.2	8.1	9.1	10.7	9.5	10.1				11.4	10.8	11.2
24	10.2	8.2	9.2	10.5	9.3	9.8				11.3	10.0	10.8
25	10.1	8.0	9.0	10.1	9.3	9.6				10.8	9.6	10.4
26	9.9	8.0	8.9	10.0	9.3	9.6				11.1	10.2	10.6
27	10.3	8.3	9.2	10.7	9.8	10.2				11.2	9.9	10.6
28	10.5	8.4	9.4	10.7	9.5	10.1				10.9	10.5	10.8
29	10.3	8.8	9.4	---	---	---				10.8	9.5	10.2
30	10.3	9.0	9.7	---	---	---				11.1	10.3	10.7
31	10.8	9.1	9.9	---	---	---				11.0	10.6	10.9
MONTH	10.8	7.0	8.8	11.2	8.5	9.4				11.4	9.2	10.4

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306007 PICEANCE CREEK BELOW RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394934 LONGITUDE 1081057 DRAINAGE AREA 177.00 DATUM 6366.00 STATE 08 COUNTY 103

OXYGEN, DISSOLVED (DO), MG/L, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	11.1	9.9	10.6	10.7	8.7	9.8	---	---	---	8.7	7.6	8.0
2	10.9	9.8	10.3	11.1	9.6	10.4	---	---	---	---	---	---
3	10.6	9.5	10.0	10.4	9.2	9.9	---	---	---	---	---	---
4	10.5	9.4	10.0	10.4	9.1	9.8	---	---	---	---	---	---
5	11.1	9.8	10.6	10.7	9.1	9.9	---	---	---	---	---	---
6	10.8	9.6	10.2	---	---	---	---	---	---	---	---	---
7	10.6	9.6	10.1	---	---	---	---	---	---	8.4	8.0	8.2
8	11.1	10.4	10.8	---	---	---	---	---	---	---	---	---
9	10.9	10.5	10.8	---	---	---	---	---	---	---	---	---
10	10.8	10.5	10.6	---	---	---	10.0	8.2	9.0	---	---	---
11	10.8	10.2	10.5	---	---	---	10.4	8.3	9.3	---	---	---
12	10.8	9.8	10.4	---	---	---	10.6	8.1	9.4	---	---	---
13	10.6	10.3	10.5	---	---	---	10.6	7.6	9.2	---	---	---
14	---	---	---	---	---	---	10.3	7.3	8.8	---	---	---
15	---	---	---	---	---	---	10.0	7.7	8.8	10.2	9.5	9.9
16	---	---	---	---	---	---	---	---	---	10.2	9.2	9.8
17	---	---	---	---	---	---	---	---	---	9.8	8.9	9.3
18	---	---	---	---	---	---	---	---	---	9.4	8.0	8.8
19	---	---	---	---	---	---	---	---	---	8.9	7.4	8.2
20	9.8	9.4	9.6	---	---	---	---	---	---	8.9	7.2	8.1
21	10.3	9.3	9.8	---	---	---	---	---	---	9.0	7.3	8.2
22	10.4	9.5	9.9	---	---	---	---	---	---	8.9	7.6	8.2
23	10.7	9.8	10.3	---	---	---	---	---	---	8.9	7.8	8.4
24	11.4	9.4	10.4	---	---	---	---	---	---	9.0	8.3	8.7
25	11.4	9.5	10.6	---	---	---	---	---	---	9.6	8.6	9.1
26	11.4	9.1	10.4	---	---	---	---	---	---	9.7	8.4	9.0
27	11.2	8.9	10.2	---	---	---	---	---	---	9.6	8.1	8.9
28	11.1	8.9	10.0	---	---	---	---	---	---	9.7	8.3	9.0
29	10.3	9.6	9.9	---	---	---	---	---	---	9.6	7.9	9.1
30	---	---	---	---	---	---	---	---	---	9.9	8.3	9.1
31	---	---	---	---	---	---	---	---	---	9.7	8.4	9.1
MONTH	11.4	8.9	10.3	11.1	8.7	10.0	10.6	7.3	9.1	10.2	7.2	8.8

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306007 PICEANCE CREEK BELOW RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394934 LONGITUDE 1081057 . DRAINAGE AREA 177.00 DATUM 6366.00 STATE 08 COUNTY 103

OXYGEN, DISSOLVED (DO), MG/L, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	9.6	8.5	9.0	---	---	---	10.5	8.8	9.4	---	---	---
2	9.6	8.2	8.9	---	---	---	10.6	8.6	9.8	---	---	---
3	9.4	7.9	8.7	---	---	---	10.8	9.1	9.9	---	---	---
4	9.5	8.7	9.0	---	---	---	11.2	9.0	10.1	---	---	---
5	9.9	7.3	8.7	---	---	---	11.1	9.0	10.1	---	---	---
6	9.6	7.2	8.3	---	---	---	11.0	9.1	10.2	---	---	---
7	9.2	6.9	8.1	---	---	---	11.1	9.0	10.1	---	---	---
8	9.1	6.9	7.9	---	---	---	11.2	9.1	10.2	---	---	---
9	8.8	6.6	7.7	---	---	---	11.1	9.6	10.4	---	---	---
10	8.7	6.5	7.5	---	---	---	11.6	9.7	10.6	---	---	---
11	8.5	6.4	7.4	---	---	---	12.2	9.8	11.1	---	---	---
12	8.5	7.1	7.9	---	---	---	12.2	9.9	11.1	---	---	---
13	7.2	6.7	6.9	---	---	---	11.9	10.4	11.0	---	---	---
14	8.7	6.8	7.7	---	---	---	11.8	9.8	11.0	---	---	---
15	8.8	6.7	7.7	---	---	---	11.6	10.1	10.8	---	---	---
16	8.8	6.6	7.7	---	---	---	12.0	10.4	11.2	---	---	---
17	8.6	6.6	7.6	8.4	6.7	7.4	12.3	10.3	11.4	---	---	---
18	8.4	6.4	7.5	8.9	6.8	7.8	12.2	10.1	11.3	---	---	---
19	8.4	6.8	7.6	9.2	6.8	7.9	11.2	9.5	10.3	8.4	7.1	7.8
20	8.4	6.5	7.5	9.1	7.0	8.0	10.5	8.5	9.6	9.5	7.3	8.4
21	---	---	---	9.1	7.0	8.1	9.5	6.6	8.3	9.8	7.7	8.8
22	---	---	---	9.5	6.8	8.0	9.7	6.5	8.2	10.1	7.7	8.9
23	---	---	---	9.5	6.3	7.5	9.1	6.5	7.9	---	---	---
24	---	---	---	10.1	6.9	8.2	8.9	6.6	7.7	---	---	---
25	---	---	---	10.6	7.0	8.7	8.7	6.6	7.5	---	---	---
26	7.2	6.2	---	10.5	7.1	8.9	---	---	---	---	---	---
27	7.2	6.0	---	10.9	7.0	9.1	---	---	---	---	---	---
28	7.1	6.0	---	11.8	8.1	9.9	---	---	---	---	---	---
29	7.0	6.0	---	10.8	7.7	9.2	---	---	---	---	---	---
30	---	---	---	10.9	8.1	9.3	---	---	---	---	---	---
31	---	---	---	10.3	8.2	9.3	---	---	---	---	---	---
MONTH	9.9	6.0	8.0	11.8	6.3	8.5	12.3	6.5	10.0	10.1	7.1	8.5
YEAR	12.3	6.0	9.3									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306007 PICEANCE CREEK BELOW RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394934 LONGITUDE 1081057 DRAINAGE AREA 177.00 DATUM 6366.00 STATE 08 COUNTY 103

PH (STANDARD UNITS), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	8.4	8.2	8.3	8.3	8.2	8.2	8.4	8.3	8.3	---	---	---
2	8.4	8.2	8.3	8.3	8.2	8.2	---	---	---	---	---	---
3	8.3	8.2	8.2	8.3	8.1	8.2	---	---	---	---	---	---
4	8.4	8.2	8.3	8.3	8.1	8.2	8.4	8.4	8.4	8.2	8.2	8.2
5	8.4	8.1	8.2	8.3	8.1	8.2	8.4	8.4	8.4	8.2	8.2	8.2
6	8.4	8.1	8.2	8.3	8.1	8.2	8.4	8.4	8.4	8.2	8.2	8.2
7	8.4	8.1	8.2	8.3	8.1	8.2	8.4	8.4	8.4	8.2	8.2	8.2
8	8.3	8.1	8.2	8.3	8.1	8.2	8.4	8.4	8.4	8.2	8.2	8.2
9	8.3	8.1	8.2	8.3	8.1	8.2	8.4	8.4	8.4	8.2	8.2	8.2
10	8.3	8.1	8.2	8.3	8.1	8.2	8.4	8.4	8.4	---	---	---
11	8.4	8.1	8.2	8.3	8.1	8.2	---	---	---	---	---	---
12	8.4	8.1	8.2	8.3	8.2	8.2	---	---	---	---	---	---
13	8.3	8.1	8.2	8.3	8.2	8.2	---	---	---	---	---	---
14	8.3	8.1	8.2	---	---	---	---	---	---	---	---	---
15	8.3	8.1	8.2	---	---	---	---	---	---	---	---	---
16	8.3	8.1	8.2	8.5	8.4	8.4	---	---	---	---	---	---
17	8.3	8.1	8.2	8.5	8.3	8.4	---	---	---	---	---	---
18	8.3	8.1	8.2	8.5	8.3	8.4	---	---	---	---	---	---
19	8.3	8.1	8.2	8.5	8.4	8.4	---	---	---	---	---	---
20	8.3	8.1	8.2	8.5	8.4	8.4	---	---	---	---	---	---
21	8.4	8.1	8.2	8.5	8.4	8.4	---	---	---	---	---	---
22	8.4	8.1	8.2	8.4	8.4	8.4	---	---	---	---	---	---
23	8.4	8.1	8.2	8.5	8.4	8.4	---	---	---	8.5	8.3	8.4
24	8.4	8.1	8.2	8.5	8.4	8.4	---	---	---	8.5	8.4	8.5
25	8.3	8.1	8.2	8.4	8.4	8.4	---	---	---	8.5	8.5	8.5
26	8.4	8.1	8.2	8.4	8.3	8.4	---	---	---	8.5	8.5	8.5
27	8.3	8.1	8.2	8.4	8.4	8.4	---	---	---	8.5	8.4	8.5
28	8.3	8.1	8.2	8.4	8.3	8.4	---	---	---	8.5	8.4	8.5
29	8.3	8.1	8.2	8.3	8.2	8.2	---	---	---	8.5	8.4	8.5
30	8.3	8.2	8.2	8.3	8.3	8.3	---	---	---	8.5	8.4	8.5
31	8.3	8.2	8.2	---	---	---	---	---	---	8.4	8.4	8.4
MONTH	8.4	8.1	8.2	8.5	8.1	8.3	8.4	8.3	8.4	8.5	8.2	8.4

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306007 PICEANCE CREEK BELOW RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394934 LONGITUDE 1081057 DRAINAGE AREA 177.00 DATUM 6366.00 STATE 08 COUNTY 103

PH (STANDARD UNITS), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	8.5	8.4	8.4	8.3	8.1	8.2	---	---	---	8.2	8.1	8.2
2	8.5	8.4	8.5	8.3	8.1	8.2	---	---	---	8.1	8.0	8.0
3	8.5	8.4	8.4	8.3	8.1	8.2	---	---	---	---	---	---
4	8.5	8.4	8.5	8.3	8.1	8.2	---	---	---	---	---	---
5	8.5	8.4	8.5	8.4	8.1	8.2	---	---	---	---	---	---
6	8.5	8.4	8.5	---	---	---	---	---	---	---	---	---
7	8.5	8.4	8.5	---	---	---	---	---	---	8.2	8.2	8.2
8	8.5	8.4	8.5	---	---	---	---	---	---	---	---	---
9	8.5	8.4	8.4	---	---	---	---	---	---	---	---	---
10	8.5	8.4	8.4	---	---	---	8.3	8.1	8.2	---	---	---
11	8.5	8.4	8.4	---	---	---	8.3	8.1	8.2	---	---	---
12	8.5	8.4	8.4	---	---	---	8.3	8.1	8.2	---	---	---
13	8.5	8.5	8.5	---	---	---	8.2	8.1	8.2	---	---	---
14	---	---	---	---	---	---	8.3	8.1	8.2	---	---	---
15	---	---	---	---	---	---	8.2	8.1	8.2	7.7	7.7	7.7
16	---	---	---	---	---	---	---	---	---	7.8	7.7	7.7
17	---	---	---	---	---	---	---	---	---	7.8	7.7	7.7
18	---	---	---	---	---	---	---	---	---	7.8	7.7	7.7
19	---	---	---	---	---	---	---	---	---	7.8	7.7	7.7
20	8.1	8.1	8.1	---	---	---	---	---	---	7.8	7.8	7.8
21	8.2	8.1	8.1	---	---	---	---	---	---	7.8	7.7	7.7
22	8.2	8.1	8.1	---	---	---	---	---	---	7.8	7.7	7.8
23	8.2	8.1	8.2	---	---	---	---	---	---	7.8	7.8	7.8
24	8.2	8.1	8.2	---	---	---	---	---	---	7.8	7.8	7.8
25	8.2	8.1	8.2	---	---	---	---	---	---	7.8	7.8	7.8
26	8.2	8.1	8.2	---	---	---	---	---	---	7.8	7.8	7.8
27	8.2	8.1	8.2	---	---	---	---	---	---	7.8	7.8	7.8
28	8.2	8.1	8.1	---	---	---	---	---	---	7.8	7.8	7.8
29	8.3	8.1	8.2	---	---	---	---	---	---	7.8	7.8	7.8
30	---	---	---	---	---	---	---	---	---	7.8	7.8	7.8
31	---	---	---	---	---	---	---	---	---	7.8	7.8	7.8
MONTH	8.5	8.1	8.3	8.4	8.1	8.2	8.3	8.1	8.2	8.2	7.7	7.8

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306007 PICEANCE CREEK BELOW RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394934 LONGITUDE 1081057 DRAINAGE AREA 177.00 DATUM 6366.00 STATE 08 COUNTY 103

PH (STANDARD UNITS), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	7.8	7.8	7.8	8.1	7.9	8.0	8.1	8.0	8.1	8.2	8.1	8.1
2	7.8	7.8	7.8	8.0	7.8	7.9	8.2	8.1	8.1	8.2	8.1	8.1
3	7.8	7.7	7.7	8.1	7.8	7.9	8.2	8.0	8.1	8.2	8.1	8.1
4	8.0	8.0	8.0	8.0	7.8	7.9	8.1	8.0	8.1	8.2	8.1	8.1
5	8.0	8.0	8.0	8.0	7.8	7.9	8.1	8.0	8.1	8.2	8.1	8.1
6	8.0	7.9	8.0	8.0	7.8	7.9	8.1	8.0	8.1	8.2	8.1	8.1
7	8.0	7.8	7.9	8.0	7.8	7.9	8.1	8.0	8.1	8.2	8.1	8.2
8	7.9	7.8	7.8	8.1	7.8	7.9	8.1	8.0	8.1	8.2	8.1	8.2
9	7.9	7.8	7.8	8.0	7.9	8.0	8.1	8.0	8.1	8.2	8.1	8.2
10	7.9	7.8	7.9	8.0	7.9	7.9	8.1	8.0	8.0	---	---	---
11	7.9	7.8	7.8	8.1	7.9	8.0	8.1	8.0	8.1	---	---	---
12	7.9	7.8	7.8	8.1	7.9	8.0	8.0	8.0	8.0	---	---	---
13	8.0	7.8	7.9	8.1	7.8	7.9	8.0	8.0	8.0	---	---	---
14	8.0	7.9	7.9	8.1	7.8	8.0	8.1	7.9	8.0	---	---	---
15	8.1	8.0	8.0	8.1	7.9	8.0	8.1	8.0	8.0	---	---	---
16	8.1	7.9	8.0	7.9	7.7	7.8	8.0	7.9	8.0	---	---	---
17	8.1	7.9	8.0	8.2	7.9	8.0	8.0	7.9	8.0	---	---	---
18	8.1	8.0	8.1	8.3	7.9	8.1	8.0	7.9	8.0	---	---	---
19	8.2	7.9	8.1	8.3	7.9	8.1	8.0	7.9	8.0	8.4	8.2	8.3
20	8.2	8.0	8.1	8.3	8.0	8.1	8.0	7.9	8.0	8.3	8.2	8.3
21	---	---	---	8.2	8.0	8.1	8.1	7.9	8.0	8.3	8.2	8.3
22	---	---	---	8.3	7.8	8.1	8.1	8.0	8.0	8.3	8.2	8.3
23	---	---	---	8.2	7.8	8.0	8.1	8.0	8.0	8.2	8.2	8.2
24	---	---	---	8.2	7.9	8.1	8.1	8.0	8.0	---	---	---
25	---	---	---	8.3	8.0	8.1	8.1	8.0	8.0	---	---	---
26	8.1	7.9	8.0	8.2	8.0	8.1	8.1	8.0	8.0	8.4	8.3	8.3
27	8.1	7.9	8.0	8.3	8.0	8.1	8.1	8.0	8.0	8.2	8.2	8.2
28	8.0	7.9	7.9	8.3	8.0	8.1	8.1	8.0	8.1	8.3	8.3	8.3
29	8.1	7.9	8.0	8.2	8.0	8.1	8.2	8.0	8.1	8.4	8.3	8.3
30	8.1	7.9	8.0	8.2	8.0	8.1	8.1	8.1	8.1	8.4	8.3	8.3
31	---	---	---	8.2	8.0	8.1	8.2	8.1	8.1	---	---	---
MONTH	8.2	7.7	7.9	8.3	7.7	8.0	8.2	7.9	8.1	8.4	8.1	8.2
YEAR	8.5	7.7	8.1									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY   PROCESS DATE IS 07-08-81

STATION NUMBER   09306007 PICEANCE CREEK BELOW RIO BLANCO, CO.   STREAM   SOURCE AGENCY USGS
LATITUDE 394934   LONGITUDE 1081057   DRAINAGE AREA   177.00   DATUM 6366.00   STATE 08   COUNTY 103

SEDIMENT, SUSPENDED CONCENTRATION (MG/L), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1			---			---			87			125
2			---			---			99			201
3			---			107			100			---
4			14			120			75			148
5			14			78			53			128
6			15			68			33			145
7			15			---			39			114
8			17			---			125			150
9			14			---			170			162
10			18			---			142			139
11			19			---			112			175
12			12			---			115			175
13			10			---			109			136
14			10			---			115			186
15			9			63			134			223
16			12			66			207			198
17			20			154			217			150
18			41			182			123			142
19			48			90			218			166
20			150			64			188			142
21			---			88			146			130
22			110			86			160			139
23			200			134			125			238
24			308			90			160			198
25			336			69			152			130
26			190			50			115			162
27			142			311			125			157
28			158			203			141			145
29			213			28			120			136
30			99			41			112			120
31			---						206			170
MONTH			84			105			130			158

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306007 PICEANCE CREEK BELOW RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394934 LONGITUDE 1081057 DRAINAGE AREA 177.00 DATUM 6366.00 STATE 08 COUNTY 103

SEDIMENT, SUSPENDED CONCENTRATION (MG/L), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1			150			---			92			2380
2			145			160			111			2330
3			120			---			121			2600
4			117			142			136			2800
5			230			148			130			3200
6			160			222			---			3200
7			95			210			---			3800
8			90			178			203			---
9			123			215			202			---
10			115			145			221			---
11			129			115			221			---
12			212			105			221			---
13			175			130			221			---
14			130			140			325			---
15			114			173			488			3560
16			120			130			1040			3520
17			105			157			1980			3220
18			246			120			4070			3100
19			251			135			---			2720
20			182			160			---			2310
21			202			160			---			2040
22			184			165			---			2100
23			---			130			---			1980
24			---			140			---			1750
25			342			174			---			---
26			150			150			---			---
27			186			162			---			---
28			335			142			1240			---
29			---			132			---			750
30						142			---			---
31						135						---
MONTH			170			152			648			2630

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306007 PICEANCE CREEK BELOW RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394934 LONGITUDE 1081057 DRAINAGE AREA 177.00 DATUM 6366.00 STATE 08 COUNTY 103

SEDIMENT, SUSPENDED CONCENTRATION (MG/L), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1			---			138			170			62
2			---			152			172			64
3			---			140			155			68
4			900			88			152			---
5			314			66			217			---
6			339			57			172			---
7			338			48			155			---
8			205			60			143			---
9			230			60			135			---
10			242			80			97			---
11			130			62			87			49
12			123			62			80			61
13			90			35			41			60
14			96			50			91			58
15			66			62			60			55
16			58			47			68			76
17			42			47			50			53
18			43			---			53			---
19			60			---			45			138
20			66			---			52			210
21			58			88			82			106
22			54			76			75			85
23			52			90			58			79
24			30			75			60			82
25			29			82			95			60
26			42			85			250			87
27			38			72			85			139
28			32			70			82			110
29			64			84			70			86
30			97			---			67			81
31						190			66			
MONTH			142			80			103			85
YEAR	---	---	300									

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306007 PICEANCE CREEK BELOW RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394934 LONGITUDE 1081057 DRAINAGE AREA 177.00 DATUM 6366.00 STATE 08 COUNTY 103

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1			.80			4.0			2.6			3.7
2			.60			4.0			2.9			5.4
3			.40			4.0			3.0			5.0
4			.20			4.5			1.9			4.0
5			.23			2.9			1.4			3.4
6			.25			2.6			.86			3.6
7			.24			2.0			1.0			3.0
8			.27			2.0			3.3			4.0
9			.22			2.0			4.5			4.3
10			.33			2.0			3.8			3.8
11			.40			2.0			3.0			4.7
12			.23			2.0			3.1			4.7
13			.18			2.0			2.9			3.7
14			.18			2.0			3.1			6.0
15			.17			2.0			3.6			6.6
16			.26			2.1			5.6			5.3
17			.45			5.0			5.9			4.0
18			.96			5.9			3.3			3.7
19			1.2			2.9			5.9			4.1
20			4.5			2.1			5.1			3.4
21			4.0			2.9			3.9			3.2
22			3.6			2.8			4.8			3.4
23			7.0			4.3			3.7			5.7
24			12			2.9			4.8			4.7
25			13			2.2			4.5			3.1
26			7.2			1.5			3.1			3.7
27			5.4			9.2			3.7			3.7
28			6.0			6.0			4.2			3.6
29			9.8			.83			3.6			3.3
30			4.3			1.2			3.3			2.9
31			4.0						6.1			4.1
MONTH			2.9			3.1			3.6			4.1

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306007 PICEANCE CREEK BELOW RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394934 LONGITUDE 1081057 DRAINAGE AREA 177.00 DATUM 6366.00 STATE 08 COUNTY 103

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1			3.6			6.0			3.0			373
2			3.5			4.3			3.6			352
3			2.9			4.0			3.9			428
4			2.8			4.2			4.4			507
5			5.5			4.4			4.6			613
6			3.8			6.6			5.0			622
7			2.3			6.2			6.0			852
8			2.2			5.3			7.1			600
9			3.0			5.8			7.6			640
10			2.7			3.9			8.4			680
11			3.0			3.4			8.4			730
12			4.9			3.1			8.4			1150
13			4.0			3.9			8.4			1100
14			3.0			4.2			13			1020
15			2.8			5.6			21			1230
16			2.9			4.2			53			1230
17			2.5			4.7			118			1170
18			9.0			3.6			319			1050
19			9.5			4.0			360			815
20			5.9			4.8			540			642
21			6.0			5.2			690			534
22			5.5			5.3			750			533
23			7.0			4.2			500			497
24			8.0			4.5			510			421
25			9.0			5.6			120			440
26			3.9			4.9			110			400
27			5.0			4.8			100			360
28			9.9			4.6			134			260
29			8.0			4.3			320			111
30						4.6			120			110
31						4.4						110
MONTH			4.9			4.7			162			632

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306007 PICEANCE CREEK BELOW RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394934 LONGITUDE 1081057 DRAINAGE AREA 177.00 DATUM 6366.00 STATE 08 COUNTY 103

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1			110			3.7			9.6			2.5
2			100			4.9			10			2.1
3			75			4.2			9.2			2.4
4			90			2.2			10			2.0
5			22			1.6			16			2.0
6			23			1.4			12			2.0
7			19			1.1			8.8			2.0
8			11			1.6			8.5			2.0
9			12			1.8			8.0			2.0
10			13			2.4			5.5			1.0
11			5.6			1.8			4.7			1.3
12			5.0			1.8			4.3			1.5
13			3.2			.88			2.2			1.6
14			3.1			1.5			4.7			1.5
15			2.1			2.0			2.9			1.4
16			1.9			1.4			3.3			2.1
17			1.2			1.5			2.4			1.2
18			1.2			2.0			2.4			2.0
19			1.5			2.0			1.9			2.8
20			1.4			2.0			2.2			5.3
21			1.3			2.4			3.3			2.6
22			1.4			1.9			3.2			2.2
23			1.3			2.4			2.3			1.3
24			.65			2.2			2.6			.89
25			.64			2.7			4.1			.26
26			.85			3.0			11			1.1
27			.80			2.3			3.7			2.1
28			.61			2.5			3.3			2.4
29			1.5			3.2			2.6			1.3
30			2.3			4.0			2.7			1.1
31						11			2.9			
MONTH			17			2.6			5.5			1.9
YEAR	---	---	71									

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                        UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY          PROCESS DATE IS 07-08-81

STATION NUMBER        09306015  MIDDLE FORK STEWART GULCH NEAR RIO BLANCO, CO.       STREAM    SOURCE AGENCY USGS
LATITUDE  394720     LONGITUDE  1081023        DRAINAGE AREA       24.00   DATUM  6592.00   STATE 08  COUNTY 103

                     DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY       MAX     MIN    MEAN         MAX     MIN    MEAN         MAX     MIN    MEAN         MAX     MIN    MEAN

                OCTOBER                     NOVEMBER                    DECEMBER                     JANUARY

  1                       .00                         .00                         .00                         .00
  2                       .00                         .00                         .00                         .00
  3                       .00                         .00                         .00                         .00
  4                       .00                         .00                         .00                         .00
  5                       .00                         .00                         .00                         .00

  6                       .00                         .00                         .00                         .00
  7                       .00                         .00                         .00                         .00
  8                       .00                         .00                         .00                         .00
  9                       .00                         .00                         .00                         .00
 10                       .00                         .00                         .00                         .00

 11                       .00                         .00                         .00                         .00
 12                       .00                         .00                         .00                         .00
 13                       .00                         .00                         .00                         .00
 14                       .00                         .00                         .00                         .00
 15                       .00                         .00                         .00                         .00

 16                       .00                         .00                         .00                         .00
 17                       .00                         .00                         .00                         .00
 18                       .00                         .00                         .00                         .00
 19                       .00                         .00                         .00                         .00
 20                       .00                         .00                         .00                         .00

 21                       .00                         .00                         .00                         .00
 22                       .00                         .00                         .00                         .00
 23                       .00                         .00                         .00                         .00
 24                       .00                         .00                         .00                         .00
 25                       .00                         .00                         .00                         .00

 26                       .00                         .00                         .00                         .00
 27                       .00                         .00                         .00                         .00
 28                       .00                         .00                         .00                         .00
 29                       .00                         .00                         .00                         .00
 30                       .00                         .00                         .00                         .00
 31                       .00                                                     .00                         .00

MONTH                     .00                         .00                         .00                         .00
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UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306015 MIDDLE FORK STEWART GULCH NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394720 LONGITUDE 1081023 DRAINAGE AREA 24.00 DATUM 6592.00 STATE 08 COUNTY 103

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1			.00			.00			.00			.00
2			.00			.00			.00			.00
3			.00			.00			.00			.00
4			.00			.00			.00			.00
5			.00			.00			.00			.00
6			.00			.00			.00			.00
7			.00			.00			.00			.00
8			.00			.00			.00			.00
9			.00			.00			.00			.00
10			.00			.00			.00			.00
11			.00			.00			.00			.00
12			.00			.00			.00			.00
13			.00			.00			.00			.00
14			.00			.00			.00			.00
15			.00			.00			.00			.00
16			.00			.00			.00			.00
17			.00			.00			.00			.00
18			.00			.00			.00			.00
19			.00			.00			.00			.00
20			.00			.00			.00			.00
21			.00			.00			.00			.00
22			.00			.00			.00			.00
23			.00			.00			.00			.00
24			.00			.00			.00			.00
25			.00			.00			.00			.00
26			.00			.00			.00			.00
27			.00			.00			.00			.00
28			.00			.00			.00			.00
29			.00			.00			.00			.00
30						.00			.00			.00
31						.00						.00
MONTH			.00			.00			.00			.00

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306015 MIDDLE FORK STEWART GULCH NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394720 LONGITUDE 1081023 DRAINAGE AREA 24.00 DATUM 6592.00 STATE 08 COUNTY 103

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1			.00			.00			.00			.00
2			.00			.00			.00			.00
3			.00			.00			.00			.00
4			.00			.00			.00			.00
5			.00			.00			.00			.00
6			.00			.00			.00			.00
7			.00			.00			.00			.00
8			.00			.00			.00			.00
9			.00			.00			.00			.00
10			.00			.00			.00			.00
11			.00			.00			.00			.00
12			.00			.00			.00			.00
13			.00			.00			.00			.00
14			.00			.00			.00			.00
15			.00			.00			.00			.00
16			.00			.00			.00			.00
17			.00			.00			.00			.00
18			.00			.00			.00			.00
19			.00			.00			.00			.00
20			.00			.00			.00			.00
21			.00			.00			.00			.00
22			.00			.00			.00			.00
23			.00			.00			.00			.00
24			.00			.00			.00			.00
25			.00			.00			.00			.00
26			.00			.00			.00			.00
27			.00			.00			.00			.00
28			.00			.00			.00			.00
29			.00			.00			.00			.00
30			.00			.00			.00			.00
31						.00			.00			
MONTH			.00			.00			.00			.00
YEAR	---	---	.00									

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY   PROCESS DATE IS 07-08-81

STATION NUMBER   09306022 STEWART GULCH AB WEST FORK, NEAR RIO BLANCO, CO.   STREAM   SOURCE AGENCY USGS
LATITUDE 394848   LONGITUDE 1081100   DRAINAGE AREA   44.00   DATUM 6430.00   STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	17.0	6.0	10.0	9.5	2.0	5.0	7.0	1.5	3.5	---	---	---
2	16.0	6.0	10.0	10.5	3.0	5.5	7.5	2.0	4.5	---	---	---
3	15.5	6.0	9.0	10.0	3.0	---	9.5	4.0	5.5	---	---	---
4	16.0	4.5	9.0	10.5	4.5	6.5	9.0	3.0	5.5	---	---	---
5	16.0	5.0	9.0	11.0	4.0	6.5	8.5	3.5	5.5	8.0	3.5	5.5
6	16.5	5.0	9.5	11.5	4.0	6.5	9.5	3.0	5.0	6.5	3.0	4.5
7	16.5	5.5	9.5	9.0	5.5	7.0	9.0	3.5	5.5	7.5	3.5	4.5
8	16.0	5.5	9.5	9.5	5.0	6.5	9.0	4.5	6.0	7.5	3.5	---
9	15.0	5.5	9.0	9.0	5.5	6.5	9.5	3.5	5.5	6.5	4.5	---
10	15.5	5.0	9.0	9.5	3.5	6.0	9.0	4.0	5.5	7.5	2.5	5.0
11	15.5	5.5	9.0	8.0	4.0	5.5	7.0	1.5	4.0	6.0	1.5	4.0
12	15.0	5.5	9.0	10.0	3.0	5.5	6.5	1.0	3.0	7.0	4.5	5.5
13	15.5	5.5	9.0	10.5	3.0	5.5	6.5	1.5	3.0	10.0	5.5	7.0
14	11.5	6.5	8.5	10.0	3.0	5.5	7.0	2.0	4.0	7.0	4.0	6.0
15	15.0	5.5	9.0	10.5	3.0	5.5	8.0	2.5	4.5	9.0	5.0	6.5
16	14.5	6.0	9.0	10.5	3.0	5.5	8.5	3.0	4.5	8.0	5.0	6.0
17	12.5	4.5	7.5	9.5	3.0	6.0	8.5	3.0	5.0	8.0	5.0	6.0
18	13.5	8.0	8.5	10.5	4.0	6.5	---	---	---	9.0	5.0	6.0
19	12.5	8.0	9.5	5.5	2.5	4.5	---	---	---	6.0	4.0	4.5
20	9.0	3.5	7.0	7.0	3.0	5.0	7.5	3.5	5.5	8.5	3.5	5.0
21	9.5	4.5	7.0	7.0	2.0	4.0	7.5	3.0	5.5	8.5	3.0	4.5
22	12.0	4.0	6.5	8.0	1.0	3.5	6.5	5.0	5.5	8.5	3.0	5.0
23	13.5	5.0	7.5	7.0	2.0	4.0	---	---	---	8.5	2.5	4.5
24	12.5	5.0	7.5	7.0	3.0	5.0	---	---	---	9.0	3.5	5.0
25	13.5	5.0	8.0	8.0	4.0	5.5	---	---	---	9.5	4.0	6.0
26	14.5	6.0	8.5	6.0	4.0	5.0	---	---	---	8.0	3.0	4.5
27	12.5	4.5	7.5	8.0	1.0	3.0	---	---	---	7.5	3.0	5.0
28	11.0	4.0	7.0	7.0	1.0	2.5	---	---	---	5.0	4.0	4.5
29	6.5	5.0	5.5	6.0	1.0	2.5	---	---	---	8.5	4.0	6.0
30	8.5	3.5	5.5	6.5	1.0	3.0	---	---	---	8.0	2.0	4.5
31	10.0	2.5	5.0	---	---	---	---	---	---	8.0	1.5	4.0
MONTH	17.0	2.5	8.0	11.5	1.0	5.0	9.5	1.0	5.0	10.0	1.5	5.0

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306022 STEWART GULCH AB WEST FORK, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394848 LONGITUDE 1081100 DRAINAGE AREA 44.00 DATUM 6430.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	9.0	3.0	5.5	12.5	4.5	7.0	14.0	4.0	7.5	13.5	7.0	9.0
2	8.5	4.0	6.0	8.5	4.0	6.0	8.0	4.0	6.0	15.0	6.0	9.0
3	9.0	5.0	6.5	9.5	4.0	6.5	13.0	4.0	7.5	15.5	6.0	9.0
4	9.0	3.5	6.5	11.5	5.0	7.0	15.0	4.0	7.5	16.0	7.0	9.5
5	10.0	3.0	5.0	11.5	5.0	7.0	14.0	4.0	8.0	16.0	7.0	9.5
6	8.5	5.0	6.0	8.0	4.0	6.0	11.0	4.0	6.0	14.0	7.0	9.5
7	8.0	3.0	5.5	11.5	4.0	7.0	11.0	4.0	6.0	11.5	8.0	9.0
8	8.5	1.5	3.5	11.0	4.0	7.0	14.0	3.0	7.0	14.0	7.0	9.5
9	8.5	1.5	3.5	11.5	3.5	6.5	15.0	4.0	8.0	13.5	7.0	9.0
10	9.0	2.0	4.5	13.0	4.0	7.0	11.0	5.0	7.5	15.0	7.0	10.0
11	10.0	2.5	4.5	10.0	4.0	6.5	12.0	4.0	6.5	12.0	7.0	8.5
12	9.5	2.5	5.0	9.5	4.0	6.0	13.0	4.0	6.5	12.0	6.0	7.5
13	10.0	4.5	6.0	12.5	3.0	6.5	14.0	3.0	7.0	13.0	6.0	8.5
14	8.5	6.0	6.5	13.0	4.0	7.0	16.0	4.0	8.5	11.5	5.0	8.0
15	9.0	5.5	6.5	12.5	4.0	7.0	14.0	4.5	8.5	14.0	5.5	8.5
16	10.5	5.5	7.0	10.0	2.5	5.5	15.5	4.5	8.5	12.0	6.0	8.5
17	9.0	5.0	6.5	11.5	2.0	5.5	16.0	4.0	8.5	13.0	5.5	8.0
18	12.5	3.0	6.5	13.0	3.0	7.0	16.5	4.0	9.0	13.0	5.0	8.5
19	10.5	5.0	6.5	13.0	5.0	7.5	17.0	5.0	9.5	16.5	5.5	9.5
20	8.5	6.0	6.5	14.0	4.0	6.5	17.0	5.0	9.5	16.5	6.0	10.0
21	9.5	5.5	6.5	14.0	4.0	7.5	17.0	6.0	10.0	16.5	6.0	10.0
22	9.0	5.5	6.5	9.0	4.0	6.5	13.0	6.0	9.5	17.0	6.0	10.5
23	8.5	3.0	6.0	12.0	4.0	7.0	14.0	6.0	9.0	15.5	6.5	10.0
24	10.5	3.0	5.5	14.0	5.0	7.5	11.5	6.5	8.5	13.5	5.5	8.0
25	11.5	2.5	5.5	9.0	4.5	5.5	16.0	5.0	9.0	12.5	4.5	8.0
26	11.5	3.5	6.0	12.0	3.0	6.5	16.5	5.0	8.5	14.5	4.5	8.5
27	12.5	4.0	6.5	14.0	3.0	7.0	16.5	5.0	9.5	16.0	5.0	9.5
28	12.0	4.0	7.0	9.0	5.0	6.0	13.0	5.0	9.0	16.5	5.0	9.5
29	9.5	5.5	6.5	11.0	4.0	7.0	13.5	6.5	9.5	13.5	6.0	9.0
30	---	---	---	9.0	3.0	5.0	14.0	7.0	9.5	16.0	5.5	9.5
31	---	---	---	11.0	4.0	6.0	---	---	---	15.0	5.0	9.5
MONTH	12.5	1.5	6.0	14.0	2.0	6.5	17.0	3.0	8.0	17.0	4.5	9.0

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY   PROCESS DATE IS 07-08-81

STATION NUMBER   09306022 STEWART GULCH AB WEST FORK, NEAR RIO BLANCO, CO.   STREAM   SOURCE AGENCY USGS
LATITUDE 394848   LONGITUDE 1081100   DRAINAGE AREA   44.00   DATUM 6430.00   STATE 08   COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	14.5	5.0	8.5	16.5	9.5	11.5	14.0	9.0	11.0	---	---	---
2	15.5	5.0	9.5	14.0	9.5	11.0	15.0	8.5	11.0	---	---	---
3	16.5	6.0	10.0	17.0	9.0	12.0	14.5	8.0	10.5	---	---	---
4	17.5	6.0	11.0	17.0	8.5	12.0	14.5	7.5	10.5	---	---	---
5	17.5	6.0	10.5	17.0	8.0	12.5	15.0	8.0	11.0	---	---	---
6	17.0	6.0	10.5	17.0	8.0	11.5	15.5	8.5	11.0	---	---	---
7	17.5	6.5	11.0	14.5	8.5	11.5	15.0	8.0	11.0	---	---	---
8	17.0	6.0	11.0	16.5	9.0	12.0	15.0	8.0	11.0	---	---	---
9	18.5	6.5	11.0	15.0	8.5	11.5	14.5	9.0	11.0	---	---	---
10	17.5	7.0	11.0	15.5	9.0	11.5	15.0	8.5	11.0	---	---	---
11	17.0	7.5	11.0	14.0	9.5	10.5	14.5	7.5	10.5	---	---	---
12	16.5	7.5	11.0	---	---	---	15.0	7.5	10.5	---	---	---
13	16.5	7.0	11.0	---	---	---	13.0	8.5	10.5	---	---	---
14	16.5	7.0	11.0	---	---	---	12.0	9.0	10.0	---	---	---
15	16.5	7.0	10.5	---	---	---	13.0	10.0	10.0	---	---	---
16	16.5	6.5	10.5	15.5	9.0	12.0	---	---	---	12.5	8.0	10.5
17	17.0	7.0	11.0	15.5	8.0	11.0	---	---	---	12.5	7.0	9.0
18	17.5	7.5	11.5	15.5	8.0	11.0	---	---	---	12.5	7.0	9.5
19	15.0	8.5	10.5	15.0	9.0	11.0	---	---	---	12.0	8.0	9.5
20	17.0	7.5	11.5	15.0	8.0	11.0	---	---	---	12.5	8.0	9.5
21	17.0	7.5	11.0	15.5	8.0	11.0	---	---	---	11.5	7.0	9.0
22	17.0	7.5	11.5	15.5	8.0	11.0	---	---	---	11.5	6.0	8.5
23	15.0	7.5	11.0	13.5	8.5	10.5	---	---	---	11.5	6.0	8.5
24	17.0	7.0	11.0	15.0	8.5	10.5	---	---	---	12.0	6.0	8.5
25	17.5	7.0	11.5	14.5	8.0	10.5	---	---	---	---	---	---
26	17.5	8.0	11.5	15.0	8.0	11.0	---	---	---	---	---	---
27	17.0	8.0	11.5	15.0	8.0	11.0	---	---	---	---	---	---
28	17.0	7.0	11.0	15.5	8.0	11.0	---	---	---	---	---	---
29	17.5	7.5	11.5	15.0	8.0	10.5	---	---	---	---	---	---
30	16.5	9.5	11.5	14.5	9.0	11.0	---	---	---	---	---	---
31	---	---	---	14.5	8.5	11.0	---	---	---	---	---	---
MONTH	18.5	5.0	11.0	17.0	8.0	11.0	15.5	7.5	10.5	12.5	6.0	9.0
YEAR	18.5	1.0	8.0									

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306022 STEWART GULCH AB WEST FORK, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394848 LONGITUDE 1081100 DRAINAGE AREA 44.00 DATUM 6430.00 STATE 08 COUNTY 103

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1			1.2			1.8			1.7			1.6
2			1.4			1.7			1.7			1.6
3			1.5			1.7			1.6			1.5
4			1.6			1.7			1.6			1.5
5			1.8			1.8			1.4			1.5
6			1.8			1.9			1.4			1.5
7			1.7			2.0			1.4			1.6
8			1.7			2.0			1.5			1.7
9			2.5			2.0			1.5			1.7
10			2.5			2.0			1.6			1.7
11			2.5			2.2			1.7			1.8
12			2.5			2.0			1.6			1.8
13			2.0			2.0			1.6			2.0
14			1.6			1.8			1.7			1.5
15			1.5			1.8			1.8			1.5
16			1.5			1.8			1.8			1.5
17			1.6			1.9			1.8			1.4
18			1.5			2.0			2.0			1.5
19			1.6			2.1			1.8			1.4
20			1.7			2.1			1.6			1.5
21			1.7			1.9			1.6			1.6
22			1.7			2.0			1.6			1.6
23			1.7			2.0			1.6			1.3
24			1.5			2.2			1.6			1.4
25			1.4			2.2			1.6			1.5
26			1.4			2.1			1.6			1.6
27			1.4			2.3			1.6			1.8
28			1.3			2.2			1.6			1.9
29			1.3			2.0			1.6			1.9
30			1.3			1.7			1.6			1.8
31			1.6						1.6			1.6
MONTH			1.7			2.0			1.6			1.6

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306022 STEWART GULCH AB WEST FORK, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394848 LONGITUDE 1081100 DRAINAGE AREA 44.00 DATUM 6430.00 STATE 08 COUNTY 103

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1			1.6			2.0			2.1			1.9
2			1.6			2.0			2.3			1.9
3			1.5			2.1			2.3			1.9
4			1.6			2.1			2.3			1.8
5			1.6			2.1			2.3			1.8
6			1.7			2.1			2.3			1.8
7			1.7			2.1			2.3			1.8
8			1.9			2.1			2.6			1.8
9			1.9			2.1			2.6			1.7
10			2.1			2.3			2.5			1.7
11			2.1			2.4			2.3			1.8
12			2.2			2.4			2.1			1.8
13			2.1			2.4			2.0			1.8
14			2.1			2.4			2.1			1.8
15			2.3			2.6			2.1			1.8
16			2.2			2.6			2.1			1.8
17			2.2			2.6			2.2			1.9
18			2.5			2.6			2.0			1.9
19			2.2			2.6			2.0			1.9
20			2.1			2.3			2.0			1.9
21			2.3			2.3			2.0			1.9
22			2.4			2.3			2.0			1.9
23			2.4			2.3			2.0			1.9
24			2.4			2.3			2.0			1.9
25			2.6			2.4			1.9			1.9
26			2.6			2.4			1.9			1.9
27			2.1			2.3			1.8			1.9
28			2.3			2.4			1.8			1.9
29			2.4			2.4			1.9			1.9
30						2.4			2.0			1.8
31						2.3						1.8
MONTH			2.1			2.3			2.1			1.9

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306022 STEWART GULCH AB WEST FORK, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394848 LONGITUDE 1081100 DRAINAGE AREA 44.00 DATUM 6430.00 STATE 08 COUNTY 103

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1			1.8			1.8			1.6			1.8
2			1.8			1.9			1.6			1.8
3			1.8			1.8			1.6			1.8
4			1.8			1.7			1.5			2.0
5			1.8			1.6			1.5			2.0
6			1.7			1.6			1.5			2.1
7			1.7			1.6			1.6			2.0
8			1.7			1.6			1.6			2.1
9			1.8			1.6			1.6			2.2
10			1.8			1.6			1.6			2.3
11			2.0			1.6			1.6			2.2
12			2.0			1.6			1.6			2.2
13			2.0			1.6			1.6			2.1
14			1.8			1.6			1.6			2.0
15			1.8			1.6			1.6			1.8
16			1.8			1.6			1.6			1.7
17			1.8			1.6			1.6			1.7
18			1.7			1.5			1.6			2.3
19			1.7			1.6			1.5			2.3
20			1.7			1.6			1.5			2.3
21			1.6			1.6			1.3			2.3
22			1.6			1.5			.96			2.3
23			1.6			1.6			1.2			2.4
24			1.6			1.6			1.7			2.5
25			1.6			1.6			1.8			2.4
26			1.6			1.6			1.8			2.4
27			1.6			1.6			1.7			2.4
28			1.6			1.6			1.8			2.4
29			1.6			1.6			1.7			2.5
30			1.6			1.6			1.7			2.4
31						1.6			1.8			
MONTH			1.7			1.6			1.6			2.2
YEAR	---	---	1.9									

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306022 STEWART GULCH AB WEST FORK, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394848 LONGITUDE 1081100 DRAINAGE AREA 44.00 DATUM 6430.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	1290	1280	1290	1280	1260	1270	1280	1260	1270	---	---	---
2	1290	1270	1290	1280	1260	1270	1280	1260	1270	---	---	---
3	1290	1270	1280	1280	1260	1270	1280	1260	1270	---	---	---
4	1290	1270	1280	1280	1260	1270	1280	1260	1270	---	---	---
5	1290	1270	1280	1280	1260	1280	1280	1260	1280	1280	1260	1270
6	1290	1270	1280	1280	1250	1270	1280	1260	1270	1280	1260	1280
7	1290	1270	1280	1280	1260	1270	1280	1260	1270	1280	1260	1270
8	1290	1270	1280	1270	1260	1270	1280	1260	1270	1290	1260	1270
9	1290	1270	1280	1280	1260	1270	1280	1260	1270	1290	1270	1280
10	1290	1270	1280	1280	1260	1270	1280	1260	1270	1280	1250	1270
11	1290	1270	1280	1270	1260	1270	1280	1250	1270	1290	1270	1280
12	1280	1270	1280	1280	1250	1280	1280	1260	1280	1280	1270	1280
13	1280	1260	1280	1270	1250	1280	1280	1260	1280	1280	1230	1270
14	1300	1270	1280	1280	1250	1280	1280	1260	1280	1280	1210	1260
15	1290	1260	1280	1280	1260	1270	1280	1260	1270	1280	1250	1270
16	1280	1270	1280	1280	1250	1270	1280	1260	1270	1280	1260	1280
17	1280	1260	1280	1280	1250	1260	1280	1260	1270	1280	1260	1280
18	1280	1260	1270	1270	1240	1260	---	---	---	1280	1260	1270
19	1280	1260	1270	1280	1220	1260	---	---	---	1280	1270	1280
20	1270	1230	1260	1260	1240	1260	1280	1260	1270	1280	1270	1280
21	1280	1260	1270	1280	1240	1260	1280	1260	1270	1280	1270	1280
22	1280	1260	1270	1280	1240	1270	1280	1260	1270	1280	1260	1280
23	1280	1260	1270	1280	1260	1270	---	---	---	1280	1270	1280
24	1280	1260	1270	1280	1260	1270	---	---	---	1280	1260	1270
25	1280	1260	1270	1280	1240	1260	---	---	---	1280	1270	1280
26	1280	1250	1270	1280	1220	1260	---	---	---	1280	1270	1280
27	1280	1260	1270	1280	1240	1270	---	---	---	1280	1270	1280
28	1280	1260	1270	1280	1260	1270	---	---	---	1270	1250	1260
29	1270	1230	1260	1280	1240	1270	---	---	---	1280	1250	1270
30	1280	1260	1270	1280	1260	1270	---	---	---	1280	1270	1280
31	1280	1260	1270	---	---	---	---	---	---	1280	1270	1280
MONTH	1300	1230	1280	1280	1220	1270	1280	1250	1270	1290	1210	1280

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY   PROCESS DATE IS 07-08-81

STATION NUMBER   09306022 STEWART GULCH AB WEST FORK, NEAR RIO BLANCO, CO.   STREAM   SOURCE AGENCY USGS
LATITUDE 394848   LONGITUDE 1081100   DRAINAGE AREA   44.00   DATUM 6430.00   STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	1280	1260	1280	1280	1230	1270	1320	1300	1310	1320	1300	1310
2	1280	1270	1280	1280	1270	1280	1320	1280	1300	1320	1300	1310
3	1280	1260	1270	1280	1240	1270	1320	1300	1310	1320	1300	1310
4	1280	1260	1280	1280	1230	1270	1320	1300	1310	1320	1300	1310
5	1290	1250	1280	1280	1230	1270	1340	1300	1320	1320	1300	1310
6	1280	1260	1280	1280	1220	1270	1320	1300	1310	1320	1300	1310
7	1280	1270	1280	1270	1250	1260	1320	1300	1310	1320	1280	1310
8	1290	1270	1280	1280	1260	1270	1320	1300	1310	1320	1300	1310
9	1290	1270	1280	1280	1260	1280	1320	1300	1310	1320	1300	1310
10	1290	1260	1280	1280	1240	1270	1320	1300	1310	1320	1300	1310
11	1290	1260	1280	1290	1260	1280	1320	1300	1310	1300	1240	1290
12	1290	1260	1280	1280	1250	1270	1330	1300	1310	1300	1280	1300
13	1280	1250	1270	1290	1260	1280	1320	1300	1310	1320	1300	1320
14	1280	1250	1270	1280	1200	1260	1330	1300	1310	1330	1260	1320
15	1280	1150	1250	1280	1160	1260	1330	1300	1320	1330	1320	1320
16	1280	1200	1260	1290	1240	1270	1330	1300	1320	1330	1290	1320
17	1280	1240	1270	1290	1260	1280	1320	1300	1310	1330	1310	1320
18	1280	844	1160	1290	1240	1270	1320	1300	1310	1330	1320	1320
19	1260	950	1190	1320	1240	1280	1320	1300	1310	1330	1320	1330
20	1270	1240	1250	1320	1240	1300	1320	1300	1310	1330	1320	1330
21	1280	1270	1280	1320	1220	1300	1320	1300	1310	1330	1320	1330
22	1280	1260	1270	1320	1280	1310	1320	1300	1310	1330	1320	1330
23	1280	1230	1260	1320	1300	1310	1320	1300	1310	1330	1320	1330
24	1290	1260	1280	1320	1260	1300	1320	1300	1310	1330	1330	1330
25	1290	1250	1280	1320	1280	1300	1320	1300	1310	1330	1320	1330
26	1290	1210	1270	1320	1280	1300	1320	1300	1310	1340	1320	1330
27	1280	1090	1240	1320	1280	1310	1320	1300	1310	1330	1320	1330
28	1280	1090	1230	1320	1300	1310	1320	1300	1310	1330	1320	1330
29	1280	1250	1270	1320	1300	1310	1320	1280	1310	1330	1320	1330
30	---	---	---	1320	1270	1310	1340	1300	1310	1340	1320	1330
31	---	---	---	1320	1300	1310	---	---	---	1340	1320	1330
MONTH	1290	844	1260	1320	1160	1280	1340	1280	1310	1340	1240	1320

STATION NUMBER 09306022 STEWART GULCH AB WEST FORK, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394848 LONGITUDE 1081100 DRAINAGE AREA 44.00 DATUM 6430.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	1340	1320	1330	1430	1280	1340	1330	1320	1330	---	---	---
2	1340	1320	1330	1360	1260	1330	1330	1330	1330	---	---	---
3	1340	1330	1330	1340	1300	1330	1330	1330	1330	---	---	---
4	1340	1330	1330	1340	1330	1340	1330	1330	1330	---	---	---
5	1340	1330	1340	1340	1330	1340	1330	1330	1330	---	---	---
6	1340	1330	1340	1340	1330	1340	1330	1330	1330	---	---	---
7	1350	1330	1340	1340	1320	1330	1330	1330	1330	---	---	---
8	1340	1330	1340	1340	1330	1330	1330	1330	1330	---	---	---
9	1350	1330	1340	1340	1330	1330	1330	1320	1330	---	---	---
10	1340	1330	1340	1340	1330	1330	1330	1320	1330	---	---	---
11	1340	1330	1340	1340	1330	1340	1330	1320	1330	---	---	---
12	1340	1340	1340	---	---	---	1330	1330	1330	---	---	---
13	1340	1340	1340	---	---	---	1330	1320	1330	---	---	---
14	1340	1340	1340	---	---	---	1330	1330	1330	---	---	---
15	1340	1330	1340	---	---	---	---	---	---	---	---	---
16	1350	1340	1340	1250	1250	1250	---	---	---	1310	1300	1310
17	1340	1330	1340	1270	1260	1270	---	---	---	1310	1300	1310
18	1340	1330	1340	1280	1270	1280	---	---	---	1310	1300	1310
19	1340	1330	1340	1300	1290	1290	---	---	---	1310	1310	1310
20	1340	1330	1340	1310	1300	1310	---	---	---	1310	1300	1310
21	1340	1330	1340	1320	1310	1320	---	---	---	1310	1310	1310
22	1340	1330	1340	1330	1330	1330	---	---	---	1310	1310	1310
23	1340	1330	1340	1330	1330	1330	---	---	---	1320	1310	1310
24	1350	1340	1340	1340	1330	1330	---	---	---	1320	1310	1310
25	1350	1340	1340	1340	1310	1330	---	---	---	---	---	---
26	1350	1340	1340	1330	1330	1330	---	---	---	---	---	---
27	1350	1340	1340	1330	1330	1330	---	---	---	---	---	---
28	1350	1330	1340	1330	1330	1330	---	---	---	---	---	---
29	1340	1340	1340	1330	1320	1330	---	---	---	---	---	---
30	1340	1330	1340	1330	1320	1330	---	---	---	---	---	---
31	---	---	---	1330	1330	1330	---	---	---	---	---	---
MONTH	1350	1320	1340	1430	1250	1320	1330	1320	1330	1320	1300	1310
YEAR	1430	844	1300									

STATION NUMBER 09306022 STEWART GULCH AB WEST FORK, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394848 LONGITUDE 1081100 DRAINAGE AREA 44.00 DATUM 6430.00 STATE 08 COUNTY 103

OXYGEN, DISSOLVED (DO), MG/L, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	10.1	6.8	8.2	12.1	8.0	9.6	12.4	8.9	10.0	---	---	---
2	10.0	6.7	8.2	12.1	8.0	9.5	12.4	8.5	9.8	---	---	---
3	10.1	7.1	8.3	12.4	7.8	9.8	12.6	8.5	9.8	---	---	---
4	---	---	---	12.6	7.7	9.2	12.7	8.4	9.9	---	---	---
5	---	---	---	12.6	7.9	9.4	12.5	8.4	9.7	12.4	8.5	10.2
6	---	---	---	12.9	7.5	9.5	12.7	8.5	9.8	12.3	8.7	9.7
7	---	---	---	12.1	7.4	8.7	12.3	8.2	9.7	12.4	8.7	9.7
8	---	---	---	12.1	7.5	9.0	12.2	8.4	9.5	12.5	8.4	9.6
9	---	---	---	12.4	7.5	9.1	12.1	8.5	9.7	11.7	8.3	---
10	---	---	---	12.5	7.5	9.2	12.3	8.2	9.6	11.8	8.2	9.4
11	---	---	---	12.2	7.8	9.2	12.5	8.7	9.9	11.2	8.5	9.5
12	---	---	---	12.6	7.9	9.5	12.0	9.0	10.0	10.0	8.3	8.9
13	---	---	---	12.5	7.8	9.4	12.0	9.1	10.0	11.6	8.0	9.2
14	---	---	---	12.6	8.2	9.4	11.8	8.9	9.9	11.7	8.1	8.9
15	---	---	---	13.7	8.5	10.2	11.9	8.8	9.8	11.6	8.2	9.3
16	---	---	---	13.8	8.3	10.1	12.3	8.7	9.9	11.7	8.4	9.3
17	12.2	7.6	9.8	14.3	8.0	10.1	12.6	8.7	10.0	11.6	8.3	9.3
18	11.9	7.4	9.1	12.4	8.0	9.4	---	---	---	11.7	8.2	9.2
19	12.1	7.2	8.7	13.3	8.4	9.7	---	---	---	11.4	8.6	9.5
20	10.5	7.4	8.5	14.0	8.2	10.1	11.4	8.5	9.6	11.1	8.8	9.5
21	12.1	7.9	9.3	14.6	8.6	10.3	12.7	8.2	9.8	10.8	8.9	9.5
22	11.9	8.0	9.5	13.8	8.8	10.4	12.4	8.2	9.4	10.9	8.9	9.5
23	11.7	7.6	9.2	14.0	8.2	10.1	---	---	---	11.0	8.9	9.6
24	11.9	7.6	9.2	14.2	8.2	9.9	---	---	---	10.7	8.6	9.4
25	11.8	7.5	9.0	13.6	8.2	9.7	---	---	---	10.5	8.5	9.2
26	12.2	7.2	8.9	12.4	8.0	9.5	---	---	---	10.5	8.8	9.4
27	12.2	7.8	9.2	13.2	8.6	10.2	---	---	---	10.4	8.5	9.3
28	12.5	7.5	9.3	13.2	9.2	10.4	---	---	---	10.2	8.8	9.3
29	11.8	7.6	9.0	12.6	9.0	10.2	---	---	---	10.4	8.5	9.2
30	12.5	8.1	9.5	12.6	8.8	9.9	---	---	---	10.7	8.8	9.6
31	12.5	8.2	9.6	---	---	---	---	---	---	10.8	9.0	9.8
MONTH	12.5	6.7	9.0	14.6	7.4	9.7	12.7	8.2	9.8	12.5	8.0	9.4

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306022 STEWART GULCH AB WEST FORK, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394848 LONGITUDE 1081100 DRAINAGE AREA 44.00 DATUM 6430.00 STATE 08 COUNTY 103

OXYGEN, DISSOLVED (DO), MG/L, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	10.9	8.7	9.6	11.0	8.3	9.3	10.8	8.2	9.3	10.4	8.4	9.1
2	11.2	8.7	9.6	10.9	8.3	9.4	10.8	8.4	9.3	10.4	8.4	9.2
3	11.3	8.5	9.5	11.2	8.1	9.1	11.8	8.6	9.9	10.2	8.4	9.2
4	11.2	8.6	9.5	11.1	8.1	9.2	11.8	8.8	9.8	10.2	8.4	9.0
5	11.3	8.5	9.6	11.3	8.1	9.3	12.2	8.6	9.9	10.0	8.5	9.0
6	11.1	8.4	9.4	11.1	8.2	9.2	12.0	8.8	9.9	10.0	8.2	9.0
7	11.2	8.5	9.4	11.3	8.1	9.3	12.2	8.8	10.3	9.9	8.4	8.9
8	11.1	9.2	9.9	10.8	8.4	9.3	12.0	8.8	10.1	9.8	8.3	8.9
9	10.8	9.1	9.8	10.7	8.3	9.3	12.2	8.6	10.1	9.8	8.2	8.9
10	10.6	8.9	9.6	10.5	8.3	9.2	12.2	8.8	10.0	9.7	8.2	8.8
11	10.7	8.9	9.6	10.7	8.2	9.2	12.2	9.0	10.2	9.6	8.0	8.8
12	10.8	8.7	9.5	10.6	8.3	9.3	12.2	8.8	10.2	10.0	8.2	9.1
13	11.2	8.5	9.4	10.6	8.4	9.4	12.0	8.8	10.0	9.8	8.0	8.9
14	10.9	7.7	9.0	10.6	8.2	9.3	11.8	8.6	9.8	9.4	7.8	8.6
15	11.2	7.6	8.8	10.8	8.1	9.3	12.0	8.5	10.0	9.3	7.8	8.4
16	11.3	7.4	9.0	10.8	8.7	9.6	11.6	8.8	10.0	9.1	7.6	8.3
17	11.2	7.5	9.0	10.8	8.6	9.6	11.4	8.6	9.9	9.1	7.8	8.4
18	12.2	7.6	8.7	10.6	8.2	9.3	11.4	8.6	9.9	9.1	7.6	8.2
19	11.2	7.3	8.8	10.8	8.0	9.1	11.2	8.4	9.7	8.8	7.2	7.9
20	10.8	7.8	8.6	10.8	8.0	9.2	11.4	8.4	9.7	8.8	7.1	7.9
21	11.2	8.2	9.2	10.6	8.0	9.0	11.2	8.2	9.5	8.7	7.1	7.7
22	11.2	8.3	9.3	10.4	8.0	9.2	11.1	8.4	9.4	8.6	7.0	7.7
23	11.4	8.4	9.6	10.8	8.0	9.3	11.1	8.2	9.4	8.6	7.2	7.7
24	11.4	8.8	9.7	10.8	8.2	9.3	10.9	8.4	9.3	8.6	7.5	7.9
25	11.3	8.6	9.7	11.0	8.2	9.6	10.9	8.4	9.5	9.1	7.6	8.2
26	11.4	8.4	9.6	11.4	8.6	9.4	10.8	8.6	9.5	9.0	7.4	8.1
27	11.7	8.1	9.6	11.0	8.2	9.5	10.6	8.4	9.5	8.8	7.3	8.0
28	11.8	7.9	9.5	11.4	8.4	9.5	10.4	8.4	9.3	8.8	7.2	7.9
29	11.2	8.2	9.2	11.4	8.4	9.6	10.6	8.2	9.1	8.6	7.3	7.9
30	---	---	---	11.6	8.6	9.6	10.5	8.2	9.1	8.8	7.2	7.9
31	---	---	---	11.6	8.4	9.3	---	---	---	8.9	7.2	8.0
MONTH	12.2	7.3	9.4	11.6	8.0	9.3	12.2	8.2	9.7	10.4	7.0	8.4

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY   PROCESS DATE IS 07-08-81

STATION NUMBER   09306022 STEWART GULCH AB WEST FORK, NEAR RIO BLANCO, CO.   STREAM   SOURCE AGENCY USGS
LATITUDE 394848   LONGITUDE 1081100   DRAINAGE AREA   44.00   DATUM 6430.00   STATE 08   COUNTY 103

OXYGEN, DISSOLVED (DO), MG/L, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	8.9	7.3	8.0	10.1	8.0	9.1				---	---	---
2	9.0	7.1	8.0	9.9	8.5	9.0				---	---	---
3	8.8	7.0	7.8	9.8	8.6	9.1				---	---	---
4	8.7	7.0	7.8	9.9	8.7	9.2				---	---	---
5	8.7	6.9	7.7	9.8	8.7	9.2				---	---	---
6	8.8	7.0	7.8	9.8	8.5	9.2				---	---	---
7	9.0	7.0	7.9	9.8	8.7	9.2				---	---	---
8	9.0	6.9	7.9	9.7	8.6	9.1				---	---	---
9	8.9	6.4	7.9	9.7	8.6	9.1				---	---	---
10	8.8	7.6	7.9	9.6	8.5	9.0				---	---	---
11	8.8	7.9	8.3	9.6	8.7	9.0				---	---	---
12	9.0	8.0	8.5	---	---	---				---	---	---
13	9.1	8.1	8.6	---	---	---				---	---	---
14	9.3	8.4	---	---	---	---				---	---	---
15	9.4	8.4	8.8	---	---	---				---	---	---
16	9.5	8.4	8.8	---	---	---				10.4	9.4	9.8
17	9.5	8.4	8.9	---	---	---				10.6	9.2	9.8
18	9.5	8.4	8.9	---	---	---				10.5	9.0	9.7
19	9.6	8.7	9.1	---	---	---				10.3	8.9	9.4
20	9.8	8.7	9.2	---	---	---				10.2	8.8	9.4
21	10.0	8.7	9.2	---	---	---				10.2	8.9	9.5
22	9.9	8.7	9.2	---	---	---				10.3	8.9	9.5
23	9.9	8.7	9.3	---	---	---				10.3	8.8	9.5
24	10.0	8.7	9.3	---	---	---				10.2	8.8	9.4
25	10.0	8.7	9.3	---	---	---				---	---	---
26	10.0	8.7	9.3	---	---	---				---	---	---
27	10.1	8.7	9.3	---	---	---				---	---	---
28	10.1	8.7	9.4	---	---	---				---	---	---
29	10.1	8.6	9.3	---	---	---				---	---	---
30	10.0	8.5	9.2	---	---	---				---	---	---
31	---	---	---	---	---	---				---	---	---
MONTH	10.1	6.4	8.6	10.1	8.0	9.1				10.6	8.8	9.6
YEAR	14.6	6.4	9.3									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306022 STEWART GULCH AB WEST FORK, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394848 LONGITUDE 1081100 DRAINAGE AREA 44.00 DATUM 6430.00 STATE 08 COUNTY 103

PH (STANDARD UNITS), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	8.4	8.2	8.3	8.6	8.3	8.4	8.7	8.3	8.5	---	---	---
2	8.4	8.2	8.3	8.6	8.3	8.4	8.6	8.4	8.5	---	---	---
3	8.4	8.2	8.3	8.6	8.3	8.5	8.7	8.4	8.6	---	---	---
4	8.4	8.2	8.3	8.6	8.4	8.4	8.8	8.5	8.6	---	---	---
5	8.4	8.2	8.3	8.6	8.4	8.5	8.8	8.5	8.6	8.4	8.2	8.3
6	8.4	8.2	8.3	8.6	8.4	8.5	8.8	8.5	8.6	8.4	8.1	8.2
7	8.5	8.2	8.3	8.6	8.4	8.5	8.7	8.5	8.6	8.4	8.1	8.2
8	8.5	8.2	8.3	8.7	8.4	8.5	8.7	8.5	8.6	8.4	8.1	8.2
9	8.5	8.3	8.4	8.7	8.4	8.5	8.9	8.6	8.7	8.3	8.1	8.2
10	8.5	8.2	8.3	8.6	8.3	8.4	8.8	8.6	8.7	8.3	8.1	8.2
11	8.5	8.2	8.3	8.6	8.3	8.4	8.9	8.6	8.7	8.3	8.1	8.2
12	8.5	8.2	8.4	8.6	8.4	8.5	8.8	8.4	8.6	8.3	8.1	8.1
13	8.5	8.2	8.3	8.6	8.4	8.5	8.8	8.4	8.6	8.4	8.1	8.2
14	8.5	8.2	8.3	8.6	8.4	8.5	8.5	8.2	8.3	8.4	8.1	8.2
15	8.5	8.2	8.3	8.6	8.4	8.5	8.6	8.2	8.4	8.4	8.2	8.3
16	8.5	8.2	8.3	8.7	8.4	8.5	8.6	8.3	8.4	8.4	8.2	8.3
17	8.4	8.1	8.3	8.7	8.4	8.5	8.6	8.4	8.5	8.4	8.2	8.3
18	8.5	8.2	8.3	8.7	8.4	8.5	---	---	---	8.5	8.2	8.3
19	8.5	8.2	8.3	8.8	8.4	8.5	---	---	---	8.4	8.1	8.3
20	8.4	8.2	8.3	8.7	8.4	8.5	8.5	8.2	8.3	---	---	---
21	8.6	8.2	8.4	8.6	8.3	8.4	8.4	8.1	8.3	---	---	---
22	8.5	8.3	8.4	8.6	8.3	8.4	8.4	8.2	8.3	---	---	---
23	8.5	8.3	8.4	8.6	8.2	8.4	---	---	---	---	---	---
24	8.5	8.3	8.4	8.7	8.3	8.4	---	---	---	---	---	---
25	8.5	8.3	8.4	8.7	8.4	8.5	---	---	---	---	---	---
26	8.6	8.3	8.4	8.7	8.4	8.5	---	---	---	---	---	---
27	8.6	8.3	8.4	8.7	8.4	8.5	---	---	---	---	---	---
28	8.6	8.3	8.4	8.6	8.4	8.5	---	---	---	---	---	---
29	8.7	8.3	8.4	8.7	8.2	8.5	---	---	---	---	---	---
30	8.6	8.3	8.4	8.6	8.4	8.5	---	---	---	---	---	---
31	8.6	8.3	8.4	---	---	---	---	---	---	---	---	---
MONTH	8.7	8.1	8.3	8.8	8.2	8.5	8.9	8.1	8.5	8.5	8.1	8.2

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306022 STEWART GULCH AB WEST FORK, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394848 LONGITUDE 1081100 DRAINAGE AREA 44.00 DATUM 6430.00 STATE 08 COUNTY 103

PH (STANDARD UNITS), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	8.0	7.9	7.9	8.2	8.0	8.1	8.1	7.9	8.0
2	---	---	---	8.1	7.9	8.0	8.2	8.0	8.1	8.1	8.0	8.0
3	---	---	---	8.1	7.9	7.9	8.3	8.0	8.1	8.1	7.9	8.0
4	---	---	---	8.1	7.9	8.0	8.2	8.0	8.1	8.1	8.0	8.0
5	---	---	---	8.0	7.8	7.9	8.2	8.0	8.1	8.1	8.0	8.0
6	---	---	---	8.1	7.9	8.0	8.2	7.9	8.0	8.1	8.0	8.0
7	---	---	---	8.1	7.9	8.0	8.1	7.9	8.0	8.1	7.9	8.0
8	---	---	---	8.1	7.9	8.0	8.2	7.9	8.0	8.1	8.0	8.0
9	---	---	---	8.0	7.9	8.0	8.2	7.9	8.0	8.1	8.0	8.0
10	---	---	---	8.0	7.9	8.0	8.2	7.9	8.0	8.1	8.0	8.0
11	---	---	---	8.0	7.9	7.9	8.1	7.9	8.0	8.1	7.9	8.0
12	---	---	---	8.0	7.9	8.0	8.2	7.9	8.0	8.1	8.0	8.0
13	---	---	---	8.0	7.9	8.0	8.1	7.9	8.0	8.1	8.0	8.1
14	---	---	---	8.0	7.9	7.9	8.2	7.9	8.0	8.0	7.9	8.0
15	---	---	---	8.0	7.8	7.9	8.3	8.0	8.1	8.0	7.9	8.0
16	---	---	---	8.0	7.9	7.9	8.2	8.0	8.1	8.0	7.9	8.0
17	---	---	---	8.2	7.9	8.0	8.2	8.0	8.1	8.0	7.9	8.0
18	---	---	---	8.2	8.1	8.1	8.2	8.0	8.1	8.0	7.9	8.0
19	---	---	---	8.3	8.0	8.1	8.2	8.0	8.1	8.0	7.9	7.9
20	8.3	8.1	8.1	8.1	8.0	8.0	8.2	8.0	8.1	8.0	7.9	8.0
21	8.2	8.0	8.1	8.1	7.9	8.0	8.2	8.0	8.1	8.0	7.9	8.0
22	8.2	8.0	8.1	8.1	7.9	8.0	8.2	8.0	8.1	8.0	7.9	7.9
23	8.2	8.0	8.1	8.1	7.9	8.0	8.1	8.0	8.1	8.0	7.9	8.0
24	8.2	8.1	8.1	8.0	7.9	8.0	8.2	8.0	8.1	8.0	7.9	7.9
25	8.2	8.0	8.1	8.1	7.9	8.0	8.2	8.0	8.0	8.0	7.8	7.9
26	8.1	8.0	8.1	8.1	8.0	8.0	8.1	8.0	8.0	8.0	7.8	7.9
27	8.1	7.9	8.0	8.1	7.9	8.0	8.1	8.0	8.1	8.0	7.8	7.9
28	8.1	7.9	8.0	8.1	7.9	8.0	8.1	8.0	8.0	8.0	7.8	7.9
29	8.1	7.9	8.0	8.1	7.9	8.0	8.2	8.0	8.1	7.9	7.8	7.9
30	---	---	---	8.1	8.0	8.0	8.1	7.9	8.0	7.9	7.8	7.8
31	---	---	---	8.2	8.0	8.1	---	---	---	7.9	7.8	7.8
MONTH	8.3	7.9	8.1	8.3	7.8	8.0	8.3	7.9	8.1	8.1	7.8	8.0

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306022 STEWART GULCH AB WEST FORK, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394848 LONGITUDE 1081100 DRAINAGE AREA 44.00 DATUM 6430.00 STATE 08 COUNTY 103

PH (STANDARD UNITS), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	7.9	7.7	7.8	8.2	7.9	8.1	---	---	---	---	---	---
2	7.9	7.7	7.8	8.1	7.9	8.0	---	---	---	---	---	---
3	7.9	7.7	7.8	---	---	---	---	---	---	---	---	---
4	8.0	8.0	8.0	---	---	---	---	---	---	---	---	---
5	8.0	7.8	7.9	---	---	---	---	---	---	---	---	---
6	8.0	7.8	7.9	---	---	---	---	---	---	---	---	---
7	8.0	7.8	7.9	---	---	---	---	---	---	---	---	---
8	8.0	7.8	7.9	---	---	---	---	---	---	---	---	---
9	8.0	7.8	7.9	---	---	---	---	---	---	---	---	---
10	8.1	7.9	8.0	---	---	---	---	---	---	---	---	---
11	8.1	8.0	8.0	---	---	---	---	---	---	---	---	---
12	8.2	8.0	8.1	---	---	---	---	---	---	---	---	---
13	8.3	8.0	8.1	---	---	---	---	---	---	---	---	---
14	8.3	8.1	8.2	---	---	---	8.2	8.0	8.1	---	---	---
15	8.2	8.1	8.1	---	---	---	8.1	8.0	8.0	---	---	---
16	8.3	8.1	8.2	8.3	8.1	8.2	---	---	---	8.3	8.1	8.2
17	8.3	8.1	8.2	8.4	7.9	8.1	---	---	---	8.2	8.1	8.2
18	8.3	8.1	8.2	8.3	8.0	8.1	---	---	---	8.3	8.1	8.2
19	8.3	8.2	8.2	8.3	8.0	8.1	---	---	---	8.3	8.1	8.2
20	8.3	8.1	8.2	8.3	8.0	8.1	---	---	---	8.3	8.1	8.2
21	8.3	8.1	8.2	8.3	8.0	8.1	---	---	---	8.3	8.2	8.2
22	8.3	8.1	8.2	---	---	---	---	---	---	8.2	8.2	8.2
23	8.2	8.1	8.1	---	---	---	---	---	---	8.2	8.2	8.2
24	8.2	8.0	8.1	---	---	---	---	---	---	8.2	8.1	8.2
25	8.2	8.0	8.1	---	---	---	---	---	---	---	---	---
26	8.2	8.0	8.0	---	---	---	---	---	---	---	---	---
27	8.2	7.9	8.0	---	---	---	---	---	---	---	---	---
28	8.3	8.0	8.1	---	---	---	---	---	---	---	---	---
29	8.3	8.0	8.1	---	---	---	---	---	---	---	---	---
30	8.2	8.0	8.1	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	8.3	7.7	8.1	8.4	7.9	8.1	8.2	8.0	8.1	8.3	8.1	8.2
YEAR	8.9	7.7	8.2									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY   PROCESS DATE IS 07-08-81

STATION NUMBER   09306022 STEWART GULCH AB WEST FORK, NEAR RIO BLANCO, CO.   STREAM   SOURCE AGENCY USGS
LATITUDE 394848   LONGITUDE 1081100   DRAINAGE AREA   44.00   DATUM 6430.00   STATE 08   COUNTY 103

SEDIMENT, SUSPENDED CONCENTRATION (MG/L), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1			39			56			30			---
2			62			111			85			---
3			72			82			20			---
4			70			56			50			---
5			35			62			60			---
6			---			61			220			---
7			36			63			154			---
8			52			39			70			100
9			47			50			85			110
10			64			35			20			130
11			189			17			30			---
12			---			42			60			---
13			---			22			50			---
14			54			12			50			145
15			---			75			150			75
16			50			37			60			50
17			39			99			85			105
18			97			8			45			90
19			122			15			18			130
20			44			9			20			170
21			70			39			---			175
22			59			6			---			195
23			68			8			---			80
24			78			20			---			40
25			225			9			---			90
26			150			7			---			---
27			85			9			---			---
28			57			15			---			---
29			35			64			---			---
30			38			10			---			---
31			14						---			15
MONTH			72			38			68			106

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306022 STEWART GULCH AB WEST FORK, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394848 LONGITUDE 1081100 DRAINAGE AREA 44.00 DATUM 6430.00 STATE 08 COUNTY 103

SEDIMENT, SUSPENDED CONCENTRATION (MG/L), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1			20			25			---			26
2			20			30			---			26
3			20			25			38			28
4			30			25			36			26
5			32			20			---			27
6			20			45			---			28
7			4			35			---			60
8			15			30			12			42
9			13			23			16			38
10			10			55			16			32
11			10			30			12			32
12			45			15			18			66
13			85			23			---			26
14			60			30			---			14
15			110			32			16			20
16			48			16			38			24
17			35			16			22			19
18			55			19			22			20
19			50			25			18			32
20			20			24			18			48
21			25			34			20			54
22			45			22			24			26
23			---			18			18			28
24			---			22			26			18
25			---			28			30			12
26			50			19			26			20
27			60			28			22			46
28			45			---			30			28
29			40			---			30			18
30						---			36			12
31						---						10
MONTH			37			26			24			29

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY   PROCESS DATE IS 07-08-81

STATION NUMBER   09306022 STEWART GULCH AB WEST FORK, NEAR RIO BLANCO, CO.   STREAM   SOURCE AGENCY USGS
LATITUDE 394848   LONGITUDE 1081100   DRAINAGE AREA   44.00   DATUM 6430.00   STATE 08   COUNTY 103

SEDIMENT, SUSPENDED CONCENTRATION (MG/L), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1			24			50			30			31
2			16			64			24			21
3			12			120			22			17
4			20			167			21			18
5			26			116			30			12
6			22			96			29			18
7			32			100			34			18
8			80			74			18			22
9			56			70			16			18
10			140			46			16			8
11			133			22			16			20
12			70			14			12			21
13			84			12			18			24
14			75			16			20			9
15			65			20			26			13
16			55			26			24			24
17			50			38			22			44
18			55			14			26			42
19			45			32			25			48
20			56			34			50			40
21			44			36			165			44
22			42			34			129			34
23			30			20			237			34
24			38			28			46			24
25			54			26			31			23
26			54			12			26			22
27			38			20			28			20
28			41			19			46			13
29			42			13			48			16
30			42			16			32			13
31						24			37			
MONTH			51			44			42			24
YEAR	---	---	44									

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306022 STEWART GULCH AB WEST FORK, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394848 LONGITUDE 1081100 DRAINAGE AREA 44.00 DATUM 6430.00 STATE 08 COUNTY 103

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1			.13			.27			.14			.10
2			.23			.51			.39			.10
3			.29			.38			.09			.10
4			.30			.26			.22			.10
5			.17			.30			.23			.10
6			.20			.31			.83			.20
7			.17			.34			.58			.30
8			.24			.21			.28			.46
9			.32			.27			.34			.50
10			.43			.19			.09			.60
11			1.3			.10			.14			.70
12			1.0			.23			.26			.70
13			.50			.12			.22			.90
14			.23			.06			.23			.59
15			.20			.36			.73			.30
16			.20			.18			.29			.20
17			.17			.51			.41			.40
18			.39			.04			.24			.36
19			.53			.09			.08			.49
20			.20			.05			.08			.69
21			.32			.20			.10			.76
22			.27			.03			.10			.84
23			.31			.04			.10			.28
24			.32			.12			.10			.15
25			.85			.05			.10			.36
26			.57			.04			.10			.30
27			.32			.06			.10			.30
28			.20			.09			.10			.30
29			.12			.35			.10			.30
30			.13			.05			.10			.10
31			.06						.10			.06
MONTH			.34			.19			.22			.38

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306022 STEWART GULCH AB WEST FORK, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394848 LONGITUDE 1081100 DRAINAGE AREA 44.00 DATUM 6430.00 STATE 08 COUNTY 103

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1			.09			.14			.30			.13
2			.09			.16			.30			.13
3			.08			.14			.24			.14
4			.13			.14			.22			.13
5			.14			.11			.40			.13
6			.09			.26			.20			.14
7			.02			.20			.10			.29
8			.08			.17			.08			.20
9			.07			.13			.11			.17
10			.06			.34			.11			.15
11			.06			.19			.07			.16
12			.27			.10			.10			.32
13			.48			.15			.10			.13
14			.34			.19			.10			.07
15			.68			.22			.09			.10
16			.29			.11			.22			.12
17			.21			.11			.13			.10
18			.37			.13			.12			.10
19			.30			.18			.10			.16
20			.11			.15			.10			.25
21			.16			.21			.11			.28
22			.29			.14			.13			.13
23			.30			.11			.10			.14
24			.30			.14			.14			.09
25			.10			.18			.15			.06
26			.35			.12			.13			.10
27			.34			.17			.11			.24
28			.28			.20			.15			.14
29			.26			.20			.15			.09
30						.20			.19			.06
31						.20						.05
MONTH			.22			.17			.15			.15

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306022 STEWART GULCH AB WEST FORK, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394848 LONGITUDE 1081100 DRAINAGE AREA 44.00 DATUM 6430.00 STATE 08 COUNTY 103

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1			.12			.24			.13			.15
2			.08			.33			.10			.10
3			.06			.58			.10			.08
4			.10			.77			.09			.10
5			.13			.50			.12			.06
6			.10			.41			.12			.10
7			.15			.43			.15			.10
8			.37			.32			.08			.12
9			.27			.30			.07			.11
10			.68			.20			.07			.05
11			.72			.10			.07			.12
12			.38			.06			.05			.12
13			.45			.05			.08			.14
14			.36			.07			.09			.05
15			.32			.09			.11			.06
16			.27			.11			.10			.11
17			.24			.16			.10			.20
18			.25			.06			.11			.26
19			.21			.14			.10			.30
20			.26			.15			.20			.25
21			.19			.16			.49			.27
22			.18			.14			.39			.21
23			.13			.09			.97			.22
24			.16			.12			.20			.16
25			.23			.11			.15			.15
26			.23			.05			.13			.14
27			.16			.09			.13			.13
28			.18			.08			.22			.08
29			.18			.06			.22			.11
30			.18			.07			.15			.08
31						.10			.18			
MONTH			.24			.20			.17			.14
YEAR	---	---	.21									

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                          UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY        PROCESS DATE IS 07-08-81

STATION NUMBER         09306025  WEST FORK STEWART GULCH NEAR RIO BLANCO, CO.        STREAM     SOURCE AGENCY USGS
LATITUDE  394701     LONGITUDE  1081121          DRAINAGE AREA      14.20   DATUM  6668.00   STATE 08  COUNTY 103

                        TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY       MAX      MIN     MEAN          MAX      MIN     MEAN          MAX      MIN     MEAN          MAX      MIN     MEAN

                 OCTOBER                        NOVEMBER                        DECEMBER                        JANUARY

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 30
 31

MONTH
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UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306025 WEST FORK STEWART GULCH NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394701 LONGITUDE 1081121 DRAINAGE AREA 14.20 DATUM 6668.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---						
2	---	---	---	---	---	---						
3	---	---	---	---	---	---						
4	---	---	---	---	---	---						
5	---	---	---	---	---	---						
6	---	---	---	---	---	---						
7	---	---	---	---	---	---						
8	---	---	---	---	---	---						
9	---	---	---	---	---	---						
10	---	---	---	---	---	---						
11	---	---	---	---	---	---						
12	---	---	---	---	---	---						
13	---	---	---	---	---	---						
14	---	---	---	3.5	.5	1.0						
15	---	---	---	7.5	3.5	2.0						
16	---	---	---	---	---	---						
17	---	---	---	---	---	---						
18	.5	.0	.0	---	---	---						
19	.5	.0	.0	---	---	---						
20	.5	.0	.0	---	---	---						
21	.0	.0	.0	---	---	---						
22	---	---	---	---	---	---						
23	---	---	---	---	---	---						
24	---	---	---	---	---	---						
25	---	---	---	---	---	---						
26	---	---	---	---	---	---						
27	.5	.0	.0	---	---	---						
28	.5	.0	.0	---	---	---						
29	.5	.0	.0	---	---	---						
30	---	---	---	---	---	---						
31	---	---	---	---	---	---						
MONTH	.5	.0	.0	7.5	.5	1.5						

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                         UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY         PROCESS DATE IS 07-08-81

STATION NUMBER        09306025  WEST FORK STEWART GULCH NEAR RIO BLANCO, CO.        STREAM    SOURCE AGENCY USGS
LATITUDE  394701     LONGITUDE  1081121        DRAINAGE AREA       14.20  DATUM  6668.00   STATE 08  COUNTY 103

                       TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY      MAX     MIN     MEAN        MAX     MIN     MEAN        MAX     MIN     MEAN        MAX     MIN     MEAN

                 JUNE                        JULY                        AUGUST                      SEPTEMBER

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 31

MONTH

YEAR     7.5      .0      .5

NOTE:  NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR
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UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306025 WEST FORK STEWART GULCH NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394701 LONGITUDE 1081121 DRAINAGE AREA 14.20 DATUM 6668.00 STATE 08 COUNTY 103

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1			.00			.00			.00			.00
2			.00			.00			.00			.00
3			.00			.00			.00			.00
4			.00			.00			.00			.00
5			.00			.00			.00			.00
6			.00			.00			.00			.00
7			.00			.00			.00			.00
8			.00			.00			.00			.00
9			.00			.00			.00			.00
10			.00			.00			.00			.00
11			.00			.00			.00			.00
12			.00			.00			.00			.00
13			.00			.00			.00			.00
14			.00			.00			.00			.00
15			.00			.00			.00			.00
16			.00			.00			.00			.00
17			.00			.00			.00			.00
18			.00			.00			.00			.00
19			.00			.00			.00			.00
20			.00			.00			.00			.00
21			.00			.00			.00			.00
22			.00			.00			.00			.00
23			.00			.00			.00			.00
24			.00			.00			.00			.00
25			.00			.00			.00			.00
26			.00			.00			.00			.00
27			.00			.00			.00			.00
28			.00			.00			.00			.00
29			.00			.00			.00			.00
30			.00			.00			.00			.00
31			.00						.00			.00
MONTH			.00			.00			.00			.00

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306025 WEST FORK STEWART GULCH NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394701 LONGITUDE 1081121 DRAINAGE AREA 14.20 DATUM 6668.00 STATE 08 COUNTY 103

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1			.00			.00			.00			.00
2			.00			.00			.00			.00
3			.00			.00			.00			.00
4			.00			.00			.00			.00
5			.00			.00			.00			.00
6			.00			.00			.00			.00
7			.00			.00			.00			.00
8			.00			.00			.00			.00
9			.00			.00			.00			.00
10			.00			.00			.00			.00
11			.00			.00			.00			.00
12			.00			.00			.00			.00
13			.00			.00			.00			.00
14			.00			.08			.00			.00
15			.00			.07			.00			.00
16			.10			.00			.00			.00
17			.15			.00			.00			.00
18			.21			.00			.00			.00
19			.54			.00			.00			.00
20			.46			.00			.00			.00
21			.14			.00			.00			.00
22			.00			.00			.00			.00
23			.00			.00			.00			.00
24			.00			.00			.00			.00
25			.00			.00			.00			.00
26			.00			.00			.00			.00
27			.15			.00			.00			.00
28			.18			.00			.00			.00
29			.06			.00			.00			.00
30						.00			.00			.00
31						.00						.00
MONTH			.07			.00			.00			.00

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306025 WEST FORK STEWART GULCH NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394701 LONGITUDE 1081121 DRAINAGE AREA 14.20 DATUM 6668.00 STATE 08 COUNTY 103

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1			.00			.00			.00			.00
2			.00			.00			.00			.00
3			.00			.00			.00			.00
4			.00			.00			.00			.00
5			.00			.00			.00			.00
6			.00			.00			.00			.00
7			.00			.00			.00			.00
8			.00			.00			.00			.00
9			.00			.00			.00			.00
10			.00			.00			.00			.00
11			.00			.00			.00			.00
12			.00			.00			.00			.00
13			.00			.00			.00			.00
14			.00			.00			.00			.00
15			.00			.00			.00			.00
16			.00			.00			.00			.00
17			.00			.00			.00			.00
18			.00			.00			.00			.00
19			.00			.00			.00			.00
20			.00			.00			.00			.00
21			.00			.00			.00			.00
22			.00			.00			.00			.00
23			.00			.00			.00			.00
24			.00			.00			.00			.00
25			.00			.00			.00			.00
26			.00			.00			.00			.00
27			.00			.00			.00			.00
28			.00			.00			.00			.00
29			.00			.00			.00			.00
30			.00			.00			.00			.00
31						.00			.00			
MONTH			.00			.00			.00			.00
YEAR	---	---	.01									

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY   PROCESS DATE IS 07-08-81

STATION NUMBER   09306025 WEST FORK STEWART GULCH NEAR RIO BLANCO, CO.   STREAM   SOURCE AGENCY USGS
LATITUDE 394701   LONGITUDE 1081121   DRAINAGE AREA   14.20   DATUM 6668.00   STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1												
2												
3												
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5												
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31												
MONTH												

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306025 WEST FORK STEWART GULCH NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394701 LONGITUDE 1081121 DRAINAGE AREA 14.20 DATUM 6668.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1			---									
2			---									
3			---									
4			---									
5			---									
6			---									
7			---									
8			---									
9			---									
10			---									
11			---									
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13			---									
14			---									
15			---									
16			---									
17			---									
18			100									
19			---									
20			---									
21			---									
22			---									
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24			---									
25			---									
26			---									
27			---									
28			---									
29			---									
30												
31												
MONTH			100									

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                              UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY           PROCESS DATE IS 07-08-81

STATION NUMBER        09306025  WEST FORK STEWART GULCH NEAR RIO BLANCO, CO.         STREAM    SOURCE AGENCY USGS
LATITUDE  394701     LONGITUDE  1081121        DRAINAGE AREA      14.20  DATUM  6668.00   STATE 08  COUNTY 103

           SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY       MAX      MIN     MEAN         MAX      MIN     MEAN         MAX      MIN     MEAN         MAX      MIN     MEAN

                   JUNE                          JULY                          AUGUST                        SEPTEMBER

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 31

MONTH

YEAR      ---      ---      100

NOTE:   NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR
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                         UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY         PROCESS DATE IS 07-08-81

STATION NUMBER        09306028  W F STEWART GULCH AT MOUTH, NEAR RIO BLANCO, CO.    STREAM    SOURCE AGENCY USGS
LATITUDE  394845     LONGITUDE  1081100        DRAINAGE AREA       15.70   DATUM  6443.00   STATE 08  COUNTY 103

                       TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY         MAX      MIN     MEAN          MAX      MIN     MEAN          MAX      MIN     MEAN          MAX      MIN     MEAN

                   OCTOBER                       NOVEMBER                      DECEMBER                         JANUARY

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MONTH
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UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306028 W F STEWART GULCH AT MOUTH, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394845 LONGITUDE 1081100 DRAINAGE AREA 15.70 DATUM 6443.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	1.0	.0	.0						
2	---	---	---	---	---	---						
3	---	---	---	1.5	.0	.0						
4	---	---	---	2.0	.0	.0						
5	---	---	---	2.5	.0	.5						
6	---	---	---	---	---	---						
7	---	---	---	---	---	---						
8	---	---	---	---	---	---						
9	---	---	---	---	---	---						
10	---	---	---	---	---	---						
11	---	---	---	---	---	---						
12	---	---	---	---	---	---						
13	---	---	---	---	---	---						
14	---	---	---	8.5	.0	1.0						
15	---	---	---	12.5	3.0	6.5						
16	---	---	---	---	---	---						
17	---	---	---	---	---	---						
18	.0	.0	.0	---	---	---						
19	1.5	1.0	1.0	---	---	---						
20	1.0	1.0	1.0	---	---	---						
21	1.0	1.0	1.0	---	---	---						
22	1.5	.5	1.0	---	---	---						
23	---	---	---	---	---	---						
24	---	---	---	---	---	---						
25	---	---	---	---	---	---						
26	---	---	---	---	---	---						
27	.5	.0	.0	---	---	---						
28	.0	.0	.0	---	---	---						
29	.0	.0	.0	---	---	---						
30	---	---	---	---	---	---						
31	---	---	---	---	---	---						
MONTH	1.5	.0	.5	12.5	.0	1.5						

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306028 W F STEWART GULCH AT MOUTH, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394845 LONGITUDE 1081100 DRAINAGE AREA 15.70 DATUM 6443.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1												
2												
3												
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28												
29												
30												
31												
MONTH												
YEAR	12.5	.0	1.0									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY   PROCESS DATE IS 07-08-81

STATION NUMBER   09306028 W F STEWART GULCH AT MOUTH, NEAR RIO BLANCO, CO.   STREAM   SOURCE AGENCY USGS
LATITUDE 394845   LONGITUDE 1081100   DRAINAGE AREA   15.70   DATUM 6443.00   STATE 08   COUNTY 103

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1			.00			.00			.00			.00
2			.00			.00			.00			.00
3			.00			.00			.00			.00
4			.00			.00			.00			.00
5			.00			.00			.00			.00
6			.00			.00			.00			.00
7			.00			.00			.00			.00
8			.00			.00			.00			.00
9			.00			.00			.00			.00
10			.00			.00			.00			.00
11			.00			.00			.00			.00
12			.00			.00			.00			.00
13			.00			.00			.00			.00
14			.00			.00			.00			.00
15			.00			.00			.00			.00
16			.00			.00			.00			.00
17			.00			.00			.00			.00
18			.00			.00			.00			.00
19			.00			.00			.00			.00
20			.00			.00			.00			.00
21			.00			.00			.00			.00
22			.00			.00			.00			.00
23			.00			.00			.00			.00
24			.00			.00			.00			.00
25			.00			.00			.00			.00
26			.00			.00			.00			.00
27			.00			.00			.00			.00
28			.00			.00			.00			.00
29			.00			.00			.00			.00
30			.00			.00			.00			.00
31			.00						.00			.00
MONTH			.00			.00			.00			.00

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306028 W F STEWART GULCH AT MOUTH, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394845 LONGITUDE 1081100 DRAINAGE AREA 15.70 DATUM 6443.00 STATE 08 COUNTY 103

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1			.00			.20			.00			.00
2			.00			.00			.00			.00
3			.00			.05			.00			.00
4			.00			.05			.00			.00
5			.00			.03			.00			.00
6			.00			.00			.00			.00
7			.00			.00			.00			.00
8			.00			.00			.00			.00
9			.00			.00			.00			.00
10			.00			.00			.00			.00
11			.00			.00			.00			.00
12			.00			.00			.00			.00
13			.00			.00			.00			.00
14			.00			.20			.00			.00
15			.00			.20			.00			.00
16			.00			.00			.00			.00
17			.00			.00			.00			.00
18			.70			.00			.00			.00
19			.55			.00			.00			.00
20			.50			.00			.00			.00
21			.20			.00			.00			.00
22			.05			.00			.00			.00
23			.00			.00			.00			.00
24			.00			.00			.00			.00
25			.00			.00			.00			.00
26			.00			.00			.00			.00
27			.40			.00			.00			.00
28			.70			.00			.00			.00
29			.40			.00			.00			.00
30						.00			.00			.00
31						.00						.00
MONTH			.12			.02			.00			.00

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306028 W F STEWART GULCH AT MOUTH, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394845 LONGITUDE 1081100 DRAINAGE AREA 15.70 DATUM 6443.00 STATE 08 COUNTY 103

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1			.00			.00			.00			.00
2			.00			.00			.00			.00
3			.00			.00			.00			.00
4			.00			.00			.00			.00
5			.00			.00			.00			.00
6			.00			.00			.00			.00
7			.00			.00			.00			.00
8			.00			.00			.00			.00
9			.00			.00			.00			.00
10			.00			.00			.00			.00
11			.00			.00			.00			.00
12			.00			.00			.00			.00
13			.00			.00			.00			.00
14			.00			.00			.00			.00
15			.00			.00			.00			.00
16			.00			.00			.00			.00
17			.00			.00			.00			.00
18			.00			.00			.00			.00
19			.00			.00			.00			.00
20			.00			.00			.00			.00
21			.00			.00			.00			.00
22			.00			.00			.00			.00
23			.00			.00			.00			.00
24			.00			.00			.00			.00
25			.00			.00			.00			.00
26			.00			.00			.00			.00
27			.00			.00			.00			.00
28			.00			.00			.00			.00
29			.00			.00			.00			.00
30			.00			.00			.00			.00
31						.00			.00			
MONTH			.00			.00			.00			.00
YEAR	---	---	.01									

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306028 W F STEWART GULCH AT MOUTH, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394845 LONGITUDE 1081100 DRAINAGE AREA 15.70 DATUM 6443.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1												
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MONTH												

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY   PROCESS DATE IS 07-08-81

STATION NUMBER   09306028 W F STEWART GULCH AT MOUTH, NEAR RIO BLANCO, CO.   STREAM   SOURCE AGENCY USGS
LATITUDE 394845   LONGITUDE 1081100   DRAINAGE AREA   15.70   DATUM 6443.00   STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	135	91	106						
2	---	---	---	---	---	---						
3	---	---	---	106	88	88						
4	---	---	---	110	77	97						
5	---	---	---	94	72	80						
6	---	---	---	---	---	---						
7	---	---	---	---	---	---						
8	---	---	---	---	---	---						
9	---	---	---	---	---	---						
10	---	---	---	---	---	---						
11	---	---	---	---	---	---						
12	---	---	---	---	---	---						
13	---	---	---	---	---	---						
14	---	---	---	106	77	92						
15	---	---	---	103	81	89						
16	---	---	---	---	---	---						
17	---	---	---	---	---	---						
18	115	76	104	---	---	---						
19	146	91	116	---	---	---						
20	144	74	116	---	---	---						
21	157	102	128	---	---	---						
22	132	106	111	---	---	---						
23	---	---	---	---	---	---						
24	---	---	---	---	---	---						
25	---	---	---	---	---	---						
26	---	---	---	---	---	---						
27	114	68	100	---	---	---						
28	122	97	111	---	---	---						
29	140	85	109	---	---	---						
30	---	---	---	---	---	---						
31	---	---	---	---	---	---						
MONTH	157	68	112	135	72	92						

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                    UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY          PROCESS DATE IS 07-08-81

STATION NUMBER         09306028  W F STEWART GULCH AT MOUTH, NEAR RIO BLANCO, CO.    STREAM    SOURCE AGENCY USGS
LATITUDE  394845     LONGITUDE  1081100         DRAINAGE AREA       15.70   DATUM  6443.00   STATE 08  COUNTY 103

             SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY        MAX     MIN    MEAN         MAX     MIN    MEAN         MAX     MIN    MEAN         MAX     MIN    MEAN

                   JUNE                        JULY                        AUGUST                      SEPTEMBER

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MONTH

YEAR       157      68     103

NOTE:   NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR
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                               UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY          PROCESS DATE IS 07-08-81

STATION NUMBER        09306028  W F STEWART GULCH AT MOUTH, NEAR RIO BLANCO, CO.    STREAM    SOURCE AGENCY USGS
LATITUDE  394845     LONGITUDE  1081100         DRAINAGE AREA       15.70   DATUM  6443.00   STATE 08  COUNTY 103

                     SEDIMENT, SUSPENDED CONCENTRATION (MG/L), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY       MAX      MIN     MEAN          MAX      MIN     MEAN          MAX      MIN     MEAN          MAX      MIN     MEAN

                   OCTOBER                       NOVEMBER                      DECEMBER                      JANUARY

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MONTH
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UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306028 W F STEWART GULCH AT MOUTH, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394845 LONGITUDE 1081100 DRAINAGE AREA 15.70 DATUM 6443.00 STATE 08 COUNTY 103

SEDIMENT, SUSPENDED CONCENTRATION (MG/L), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1			---									
2			---									
3			---									
4			---									
5			---									
6			---									
7			---									
8			---									
9			---									
10			---									
11			---									
12			---									
13			---									
14			---									
15			---									
16			---									
17			---									
18			128									
19			180									
20			---									
21			---									
22			---									
23			---									
24			---									
25			---									
26			---									
27			---									
28			---									
29			---									
30												
31												
MONTH			154									

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306028 W F STEWART GULCH AT MOUTH, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394845 LONGITUDE 1081100 DRAINAGE AREA 15.70 DATUM 6443.00 STATE 08 COUNTY 103

SEDIMENT, SUSPENDED CONCENTRATION (MG/L), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1												
2												
3												
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22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
MONTH												
YEAR	---	---	154									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

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                          UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY          PROCESS DATE IS 07-08-81

STATION NUMBER        09306028  W F STEWART GULCH AT MOUTH, NEAR RIO BLANCO, CO.    STREAM    SOURCE AGENCY USGS
LATITUDE  394845     LONGITUDE  1081100        DRAINAGE AREA       15.70   DATUM  6443.00   STATE 08  COUNTY 103

                     SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY        MAX      MIN     MEAN          MAX      MIN     MEAN          MAX      MIN     MEAN          MAX      MIN     MEAN

                   OCTOBER                        NOVEMBER                       DECEMBER                        JANUARY

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MONTH
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UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306028 W F STEWART GULCH AT MOUTH, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394845 LONGITUDE 1081100 DRAINAGE AREA 15.70 DATUM 6443.00 STATE 08 COUNTY 103

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1			---			.10						
2			---			---						
3			---			.03						
4			---			.03						
5			---			.02						
6			---			---						
7			---			---						
8			---			---						
9			---			---						
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11			---			---						
12			---			---						
13			---			---						
14			---			.10						
15			---			.10						
16			---			---						
17			---			---						
18			.65			---						
19			.27			---						
20			.30			---						
21			.10			---						
22			.03			---						
23			---			---						
24			---			---						
25			---			---						
26			---			---						
27			.30			---						
28			.50			---						
29			.30			---						
30						---						
31						---						
MONTH			.31			.06						

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY   PROCESS DATE IS 07-08-81

STATION NUMBER   09306028 W F STEWART GULCH AT MOUTH, NEAR RIO BLANCO, CO.   STREAM   SOURCE AGENCY USGS
LATITUDE 394845   LONGITUDE 1081100   DRAINAGE AREA   15.70   DATUM 6443.00   STATE 08 COUNTY 103

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1												
2												
3												
4												
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26												
27												
28												
29												
30												
31												
MONTH												
YEAR	---	---	.20									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

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                                 UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY          PROCESS DATE IS 07-08-81

STATION NUMBER           09306033  SORGHUM GULCH NEAR RIO BLANCO, CO.                     STREAM     SOURCE AGENCY USGS
LATITUDE  394707      LONGITUDE  1081233          DRAINAGE AREA        1.22   DATUM  6843.00   STATE 08  COUNTY 103

                            TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY        MAX      MIN     MEAN          MAX      MIN     MEAN          MAX      MIN     MEAN          MAX      MIN     MEAN

                  OCTOBER                       NOVEMBER                        DECEMBER                         JANUARY

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MONTH
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UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306033 SORGHUM GULCH NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394707 LONGITUDE 1081233 DRAINAGE AREA 1.22 DATUM 6843.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1												11.5
2												9.5
3												9.0
4												10.5
5												10.5
6												11.0
7												10.0
8												11.0
9												10.0
10												11.5
11												8.5
12												6.0
13												7.0
14												8.0
15												8.5
16												8.5
17												8.0
18												10.5
19												12.5
20												14.0
21												15.0
22												14.5
23												12.0
24												6.5
25												---
26												---
27												---
28												10.5
29												---
30												---
31												---
MONTH												10.0

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                               UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY          PROCESS DATE IS 07-08-81

STATION NUMBER        09306033  SORGHUM GULCH NEAR RIO BLANCO, CO.                  STREAM     SOURCE AGENCY USGS
LATITUDE  394707     LONGITUDE  1081233        DRAINAGE AREA        1.22   DATUM  6843.00   STATE 08   COUNTY 103

                              TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980


DAY        MAX      MIN     MEAN        MAX      MIN     MEAN        MAX      MIN     MEAN        MAX      MIN     MEAN

                    JUNE                         JULY                         AUGUST                       SEPTEMBER

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MONTH

YEAR       ---      ---     10.0

NOTE:   NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR
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UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306033 SORGHUM GULCH NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394707 LONGITUDE 1081233 DRAINAGE AREA 1.22 DATUM 6843.00 STATE 08 COUNTY 103

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1			.00			.00			.00			.00
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3			.00			.00			.00			.00
4			.00			.00			.00			.00
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6			.00			.00			.00			.00
7			.00			.00			.00			.00
8			.00			.00			.00			.00
9			.00			.00			.00			.00
10			.00			.00			.00			.00
11			.00			.00			.00			.00
12			.00			.00			.00			.00
13			.00			.00			.00			.00
14			.00			.00			.00			.00
15			.00			.00			.00			.00
16			.00			.00			.00			.00
17			.00			.00			.00			.00
18			.00			.00			.00			.00
19			.00			.00			.00			.00
20			.00			.00			.00			.00
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22			.00			.00			.00			.00
23			.00			.00			.00			.00
24			.00			.00			.00			.00
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26			.00			.00			.00			.00
27			.00			.00			.00			.00
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31			.00						.00			.00
MONTH			.00			.00			.00			.00

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306033 SORGHUM GULCH NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394707 LONGITUDE 1081233 DRAINAGE AREA 1.22 DATUM 6843.00 STATE 08 COUNTY 103

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1			.00			.00			.00			.01
2			.00			.00			.00			.01
3			.00			.00			.00			.01
4			.00			.00			.00			.01
5			.00			.00			.00			.01
6			.00			.00			.00			.01
7			.00			.00			.00			.01
8			.00			.00			.00			.01
9			.00			.00			.00			.01
10			.00			.00			.00			.01
11			.00			.00			.00			.01
12			.00			.00			.00			.01
13			.00			.00			.00			.01
14			.00			.00			.00			.01
15			.00			.00			.00			.01
16			.00			.00			.00			.01
17			.00			.00			.00			.01
18			.00			.00			.00			.01
19			.00			.00			.00			.01
20			.00			.00			.00			.01
21			.00			.00			.00			.01
22			.00			.00			.02			.01
23			.00			.00			.01			.01
24			.00			.00			.00			.01
25			.00			.00			.01			.00
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27			.00			.00			.00			.00
28			.00			.00			.00			.01
29			.00			.00			.01			.01
30						.00			.01			.01
31						.00						.01
MONTH			.00			.00			.00			.01

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY   PROCESS DATE IS 07-08-81

STATION NUMBER   09306033 SORGHUM GULCH NEAR RIO BLANCO, CO.   STREAM   SOURCE AGENCY USGS
LATITUDE 394707   LONGITUDE 1081233   DRAINAGE AREA   1.22   DATUM 6843.00   STATE 08 COUNTY 103

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1			.01			.58			.00			.00
2			.01			.22			.00			.00
3			.00			.13			.00			.00
4			.00			.00			.00			.00
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25			.00			.00			.00			.00
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29			.00			.00			.00			.00
30			.00			.00			.00			.00
31						.00			.00			
MONTH			.00			.03			.00			.00
YEAR	---	---	.00									

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306033 SORGHUM GULCH NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394707 LONGITUDE 1081233 DRAINAGE AREA 1.22 DATUM 6843.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
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UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306033 SORGHUM GULCH NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394707 LONGITUDE 1081233 DRAINAGE AREA 1.22 DATUM 6843.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1										940	742	895
2										933	886	912
3										933	894	910
4										927	844	904
5										933	880	907
6										921	858	899
7										912	847	867
8										894	844	865
9										915	818	888
10										921	842	900
11										894	823	850
12										836	765	798
13										829	790	807
14										808	775	794
15										818	777	790
16										790	611	721
17										780	731	748
18										785	702	728
19										752	678	718
20										745	658	701
21										724	650	687
22										715	654	684
23										726	650	688
24										708	641	674
25										---	---	---
26										---	---	---
27										---	---	---
28										726	689	707
29										699	670	685
30										713	666	690
31										717	658	688
MONTH										940	611	789

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306033 SORGHUM GULCH NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394707 LONGITUDE 1081233 DRAINAGE AREA 1.22 DATUM 6843.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	726	676	701									
2	682	645	663									
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28	---	---	---									
29	---	---	---									
30	---	---	---									
31	---	---	---									
MONTH	726	645	682									
YEAR	940	611	782									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

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                        UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY          PROCESS DATE IS 07-08-81

STATION NUMBER        09306036  SORGHUM GULCH AT MOUTH, NEAR RIO BLANCO, CO.        STREAM    SOURCE AGENCY USGS
LATITUDE  394930     LONGITUDE  1081155        DRAINAGE AREA        3.62  DATUM  6372.00   STATE 08  COUNTY 103

                    TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY        MAX     MIN    MEAN         MAX     MIN    MEAN         MAX     MIN    MEAN         MAX     MIN    MEAN

                 OCTOBER                    NOVEMBER                    DECEMBER                     JANUARY

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MONTH
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UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306036 SORGHUM GULCH AT MOUTH, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394930 LONGITUDE 1081155 DRAINAGE AREA 3.62 DATUM 6372.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1												
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MONTH												

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306036 SORGHUM GULCH AT MOUTH, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394930 LONGITUDE 1081155 DRAINAGE AREA 3.62 DATUM 6372.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1				---	---	---						
2				25.5	16.0	20.5						
3				17.0	15.0	16.0						
4				---	---	---						
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30				---	---	---						
31				---	---	---						
MONTH				25.5	15.0	18.5						
YEAR	25.5	15.0	18.5									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306036 SORGHUM GULCH AT MOUTH, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394930 LONGITUDE 1081155 DRAINAGE AREA 3.62 DATUM 6372.00 STATE 08 COUNTY 103

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1			.00			.00			.00			.00
2			.00			.00			.00			.00
3			.00			.00			.00			.00
4			.00			.00			.00			.00
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9			.00			.00			.00			.00
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18			.00			.00			.00			.00
19			.00			.00			.00			.00
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22			.00			.00			.00			.00
23			.00			.00			.00			.00
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25			.00			.00			.00			.00
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UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306036 SORGHUM GULCH AT MOUTH, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394930 LONGITUDE 1081155 DRAINAGE AREA 3.62 DATUM 6372.00 STATE 08 COUNTY 103

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1			.00			.00			.00			.00
2			.00			.00			.00			.00
3			.00			.00			.00			.00
4			.00			.00			.00			.00
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UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306036 SORGHUM GULCH AT MOUTH, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394930 LONGITUDE 1081155 DRAINAGE AREA 3.62 DATUM 6372.00 STATE 08 COUNTY 103

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1			.00			.00			.00			.00
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UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306036 SORGHUM GULCH AT MOUTH, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394930 LONGITUDE 1081155 DRAINAGE AREA 3.62 DATUM 6372.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
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                              UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY            PROCESS DATE IS 07-08-81

STATION NUMBER          09306036  SORGHUM GULCH AT MOUTH, NEAR RIO BLANCO, CO.          STREAM     SOURCE AGENCY USGS
LATITUDE  394930      LONGITUDE  1081155          DRAINAGE AREA         3.62   DATUM  6372.00   STATE 08  COUNTY 103

               SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980


DAY        MAX      MIN     MEAN          MAX      MIN     MEAN          MAX      MIN     MEAN          MAX      MIN     MEAN

                  FEBRUARY                         MARCH                           APRIL                            MAY

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UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306036 SORGHUM GULCH AT MOUTH, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394930 LONGITUDE 1081155 DRAINAGE AREA 3.62 DATUM 6372.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
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                                 UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY         PROCESS DATE IS 07-08-81

STATION NUMBER        09306036  SORGHUM GULCH AT MOUTH, NEAR RIO BLANCO, CO.        STREAM    SOURCE AGENCY USGS
LATITUDE  394930     LONGITUDE  1081155        DRAINAGE AREA        3.62   DATUM  6372.00   STATE 08  COUNTY 103

                     SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY        MAX      MIN     MEAN          MAX      MIN     MEAN          MAX      MIN     MEAN          MAX      MIN     MEAN

                   OCTOBER                        NOVEMBER                        DECEMBER                        JANUARY

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UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306036 SORGHUM GULCH AT MOUTH, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394930 LONGITUDE 1081155 DRAINAGE AREA 3.62 DATUM 6372.00 STATE 08 COUNTY 103

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1												
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MONTH												

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                                 UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY         PROCESS DATE IS 07-08-81

STATION NUMBER        09306036  SORGHUM GULCH AT MOUTH, NEAR RIO BLANCO, CO.          STREAM    SOURCE AGENCY USGS
LATITUDE  394930     LONGITUDE  1081155        DRAINAGE AREA        3.62   DATUM  6372.00   STATE 08  COUNTY 103

                      SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY        MAX      MIN     MEAN          MAX      MIN     MEAN          MAX      MIN     MEAN          MAX      MIN     MEAN

                    JUNE                           JULY                           AUGUST                         SEPTEMBER

  1                                                         ---
  2                                                         .02
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MONTH                                                       .02

YEAR       ---      ---     .02

NOTE:    NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR
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                          UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY           PROCESS DATE IS 07-08-81

STATION NUMBER        09306039  COTTONWOOD GULCH NEAR RIO BLANCO, CO.                 STREAM    SOURCE AGENCY USGS
LATITUDE  394936     LONGITUDE  1081225          DRAINAGE AREA        1.20   DATUM  6353.00   STATE 08  COUNTY 103

                        TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY       MAX      MIN     MEAN          MAX      MIN     MEAN          MAX      MIN     MEAN          MAX      MIN     MEAN

                 OCTOBER                      NOVEMBER                      DECEMBER                      JANUARY

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MONTH
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UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY　　PROCESS DATE IS 07-08-81

STATION NUMBER　09306039　COTTONWOOD GULCH NEAR RIO BLANCO, CO.　STREAM　SOURCE AGENCY USGS
LATITUDE 394936　LONGITUDE 1081225　DRAINAGE AREA 1.20　DATUM 6353.00　STATE 08　COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1							---	---	---			
2							---	---	---			
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18							---	---	---			
19							---	---	---			
20							---	---	---			
21							---	---	---			
22							---	---	---			
23							20.0	5.5	10.0			
24							14.0	3.0	7.5			
25							15.5	.0	7.5			
26							---	---	---			
27							---	---	---			
28							---	---	---			
29							---	---	---			
30							10.5	7.5	11.0			
31							---	---	---			
MONTH							20.0	.0	9.0			

```
                         UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY          PROCESS DATE IS 07-08-81

STATION NUMBER         09306039  COTTONWOOD GULCH NEAR RIO BLANCO, CO.                STREAM    SOURCE AGENCY USGS
LATITUDE  394936     LONGITUDE  1081225          DRAINAGE AREA        1.20   DATUM  6353.00   STATE 08  COUNTY 103

                       TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY         MAX      MIN     MEAN          MAX       MIN      MEAN           MAX       MIN      MEAN          MAX       MIN      MEAN

                     JUNE                            JULY                              AUGUST                           SEPTEMBER

  1                                        ---       ---      ---
  2                                       23.5      19.5     21.5
  3                                        ---       ---      ---
  4                                        ---       ---      ---
  5                                        ---       ---      ---

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 29                                        ---       ---      ---
 30                                        ---       ---      ---
 31                                        ---       ---      ---

MONTH                                     23.5      19.5     21.5

YEAR       23.5       .0     11.5

NOTE:    NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR
```

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306039 COTTONWOOD GULCH NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394936 LONGITUDE 1081225 DRAINAGE AREA 1.20 DATUM 6353.00 STATE 08 COUNTY 103

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1			.00			.00			.00			.00
2			.00			.00			.00			.00
3			.00			.00			.00			.00
4			.00			.00			.00			.00
5			.00			.00			.00			.00
6			.00			.00			.00			.00
7			.00			.00			.00			.00
8			.00			.00			.00			.00
9			.00			.00			.00			.00
10			.00			.00			.00			.00
11			.00			.00			.00			.00
12			.00			.00			.00			.00
13			.00			.00			.00			.00
14			.00			.00			.00			.00
15			.00			.00			.00			.00
16			.00			.00			.00			.00
17			.00			.00			.00			.00
18			.00			.00			.00			.00
19			.00			.00			.00			.00
20			.00			.00			.00			.00
21			.00			.00			.00			.00
22			.00			.00			.00			.00
23			.00			.00			.00			.00
24			.00			.00			.00			.00
25			.00			.00			.00			.00
26			.00			.00			.00			.00
27			.00			.00			.00			.00
28			.00			.00			.00			.00
29			.00			.00			.00			.00
30			.00			.00			.00			.00
31			.00						.00			.00
MONTH			.00			.00			.00			.00

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306039 COTTONWOOD GULCH NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394936 LONGITUDE 1081225 DRAINAGE AREA 1.20 DATUM 6353.00 STATE 08 COUNTY 103

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1			.00			.00			.00			.00
2			.00			.00			.00			.00
3			.00			.00			.00			.00
4			.00			.00			.00			.00
5			.00			.00			.00			.00
6			.00			.00			.00			.00
7			.00			.00			.00			.00
8			.00			.00			.00			.00
9			.00			.00			.00			.00
10			.00			.00			.00			.00
11			.00			.00			.00			.00
12			.00			.00			.00			.00
13			.00			.00			.00			.00
14			.00			.00			.00			.00
15			.00			.00			.00			.00
16			.01			.00			.00			.00
17			.00			.00			.00			.00
18			.15			.00			.00			.00
19			.14			.00			.00			.00
20			.01			.00			.01			.00
21			.00			.00			.01			.00
22			.00			.00			.01			.00
23			.00			.00			.03			.00
24			.00			.00			.05			.00
25			.00			.00			.01			.00
26			.00			.00			.00			.00
27			.00			.00			.00			.00
28			.00			.00			.00			.00
29			.00			.00			.00			.00
30						.00			.02			.00
31						.00						.00
MONTH			.01			.00			.00			.00

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306039 COTTONWOOD GULCH NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394936 LONGITUDE 1081225 DRAINAGE AREA 1.20 DATUM 6353.00 STATE 08 COUNTY 103

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1			.00			.00			.00			.00
2			.00			.03			.00			.00
3			.00			.00			.00			.00
4			.00			.00			.00			.00
5			.00			.00			.00			.00
6			.00			.00			.00			.00
7			.00			.00			.00			.00
8			.00			.00			.00			.00
9			.00			.00			.00			.00
10			.00			.00			.00			.00
11			.00			.00			.00			.00
12			.00			.00			.00			.00
13			.00			.00			.00			.00
14			.00			.00			.00			.00
15			.00			.00			.00			.00
16			.00			.00			.00			.00
17			.00			.00			.00			.00
18			.00			.00			.00			.00
19			.00			.00			.00			.00
20			.00			.00			.00			.00
21			.00			.00			.04			.00
22			.00			.00			.00			.00
23			.00			.00			.00			.00
24			.00			.00			.00			.00
25			.00			.00			.00			.00
26			.00			.00			.00			.00
27			.00			.00			.00			.00
28			.00			.00			.00			.00
29			.00			.00			.00			.00
30			.00			.00			.00			.00
31						.00			.00			
MONTH			.00			.00			.00			.00
YEAR	---	---	.00									

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY　　PROCESS DATE IS 07-08-81

STATION NUMBER　09306039　COTTONWOOD GULCH NEAR RIO BLANCO, CO.　STREAM　SOURCE AGENCY USGS
LATITUDE　394936　LONGITUDE　1081225　DRAINAGE AREA　1.20　DATUM　6353.00　STATE 08　COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1												
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31												
MONTH												

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306039 COTTONWOOD GULCH NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394936 LONGITUDE 1081225 DRAINAGE AREA 1.20 DATUM 6353.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1							---	---	---			
2							---	---	---			
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18							---	---	---			
19							---	---	---			
20							---	---	---			
21							---	---	---			
22							---	---	---			
23							983	945	957			
24							983	941	955			
25							983	931	950			
26							---	---	---			
27							---	---	---			
28							---	---	---			
29							---	---	---			
30							1010	915	955			
31							---	---	---			
MONTH							1010	915	954			

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306039 COTTONWOOD GULCH NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394936 LONGITUDE 1081225 DRAINAGE AREA 1.20 DATUM 6353.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1				---	---	---						
2				3690	1910	2660						
3				---	---	---						
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29				---	---	---						
30				---	---	---						
31				---	---	---						
MONTH				3690	1910	2660						
YEAR	3690	915	1300									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

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                     UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY          PROCESS DATE IS 07-08-81

STATION NUMBER        09306039  COTTONWOOD GULCH NEAR RIO BLANCO, CO.                 STREAM    SOURCE AGENCY USGS
LATITUDE  394936     LONGITUDE  1081225        DRAINAGE AREA       1.20   DATUM  6353.00   STATE 08  COUNTY 103

                SEDIMENT, SUSPENDED CONCENTRATION (MG/L), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY       MAX     MIN    MEAN          MAX     MIN    MEAN          MAX     MIN    MEAN          MAX     MIN    MEAN

                OCTOBER                      NOVEMBER                      DECEMBER                      JANUARY

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 MONTH
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UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306039 COTTONWOOD GULCH NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394936 LONGITUDE 1081225 DRAINAGE AREA 1.20 DATUM 6353.00 STATE 08 COUNTY 103

SEDIMENT, SUSPENDED CONCENTRATION (MG/L), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1									---			
2									---			
3									---			
4									---			
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30									---			
31												
MONTH									50			

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306039 COTTONWOOD GULCH NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394936 LONGITUDE 1081225 DRAINAGE AREA 1.20 DATUM 6353.00 STATE 08 COUNTY 103

SEDIMENT, SUSPENDED CONCENTRATION (MG/L), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1												
2												
3												
4												
5												
6												
7												
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29												
30												
31												
MONTH												
YEAR	---	---	50									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

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                        UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY          PROCESS DATE IS 07-08-81

STATION NUMBER        09306039  COTTONWOOD GULCH NEAR RIO BLANCO, CO.              STREAM    SOURCE AGENCY USGS
LATITUDE  394936     LONGITUDE  1081225          DRAINAGE AREA        1.20   DATUM  6353.00  STATE 08  COUNTY 103

                 SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY       MAX     MIN    MEAN        MAX     MIN    MEAN        MAX     MIN    MEAN        MAX     MIN    MEAN

                OCTOBER                   NOVEMBER                    DECEMBER                    JANUARY

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MONTH
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UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306039 COTTONWOOD GULCH NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394936 LONGITUDE 1081225 DRAINAGE AREA 1.20 DATUM 6353.00 STATE 08 COUNTY 103

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1			---						---			
2			---						---			
3			---						---			
4			---						---			
5			---						---			
6			---						---			
7			---						---			
8			---						---			
9			---						---			
10			---						---			
11			---						---			
12			---						---			
13			---						---			
14			---						---			
15			---						---			
16			.00						---			
17			---						---			
18			.15						---			
19			.15						---			
20			.00						.00			
21			---						.00			
22			---						.00			
23			---						.00			
24			---						.05			
25			---						.00			
26			---						---			
27			---						---			
28			---						---			
29			---						---			
30									.00			
31												
MONTH			.08						.01			

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306039 COTTONWOOD GULCH NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394936 LONGITUDE 1081225 DRAINAGE AREA 1.20 DATUM 6353.00 STATE 08 COUNTY 103

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1						---			---			
2						.03			---			
3						---			---			
4						---			---			
5						---			---			
6						---			---			
7						---			---			
8						---			---			
9						---			---			
10						---			---			
11						---			---			
12						---			---			
13						---			---			
14						---			---			
15						---			---			
16						---			---			
17						---			---			
18						---			---			
19						---			---			
20						---			---			
21						---			.04			
22						---			---			
23						---			---			
24						---			---			
25						---			---			
26						---			---			
27						---			---			
28						---			---			
29						---			---			
30						---			---			
31						---			---			
MONTH						.03			.04			
YEAR	---	---	.03									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306042 PICEANCE CREEK TRIBUTARY NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395001 LONGITUDE 1081312 DRAINAGE AREA 1.06 DATUM 6335.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	17.5	13.0	---	---	---							
2	6.5	5.5	---	---	---							
3	---	---	---	---	---							
4	---	---	---	---	---							
5	5.0	2.0	---	.5	.0							
6	---	---	---	---	---							
7	---	---	---	---	---							
8	---	---	---	1.5	.0							
9	---	---	---	7.5	.5							
10	---	---	---	---	---							
11	---	---	---	---	---							
12	---	---	---	---	---							
13	---	---	---	---	---							
14	---	---	---	---	---							
15	---	---	---	---	---							
16	---	---	---	---	---							
17	---	---	---	---	---							
18	16.5	10.0	---	---	---							
19	18.0	10.5	---	---	---							
20	8.5	1.0	5.0	---	---							
21	---	---	---	---	---							
22	---	---	---	---	---							
23	---	---	---	---	---							
24	---	---	---	---	---							
25	---	---	---	---	---							
26	---	---	---	---	---							
27	---	---	---	---	---							
28	---	---	---	---	---							
29	---	---	---	---	---							
30	.0	.0	---	---	---							
31	.0	.0	---	---	---							
MONTH	18.0	.0	5.0	7.5	.0							

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306042 PICEANCE CREEK TRIBUTARY NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395001 LONGITUDE 1081312 DRAINAGE AREA 1.06 DATUM 6335.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1							---	---	---	---	---	---
2							---	---	---	---	---	---
3							---	---	---	---	---	---
4							---	---	---	25.0	16.0	---
5							---	---	---	---	---	---
6							---	---	---	---	---	---
7							---	---	---	15.0	11.0	---
8							---	---	---	22.5	9.0	13.5
9							---	---	---	19.0	9.5	12.0
10							---	---	---	19.5	9.0	13.0
11							---	---	---	15.5	8.5	11.5
12							---	---	---	15.0	6.5	9.0
13							---	---	---	15.5	7.5	11.5
14							---	---	---	16.0	6.0	10.0
15							12.0	6.5	8.5	21.0	7.0	12.0
16							19.5	5.0	10.0	19.5	9.0	13.0
17							21.0	5.5	12.0	18.0	8.5	12.0
18							---	---	---	21.5	7.0	13.0
19							---	---	---	24.5	8.5	15.0
20							---	---	---	25.5	9.5	16.5
21							21.5	13.0	16.0	---	---	---
22							18.0	7.5	13.0	---	---	---
23							21.5	7.0	10.5	---	---	---
24							---	---	---	---	---	---
25							20.5	1.0	---	---	---	---
26							21.5	14.0	---	---	---	---
27							7.0	6.5	---	---	---	---
28							18.5	4.5	11.5	---	---	---
29							19.0	8.0	13.5	---	---	---
30							24.0	13.0	---	---	---	---
31							---	---	---	---	---	---
MONTH							24.0	1.0	12.0	25.5	6.0	12.5

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306042 PICEANCE CREEK TRIBUTARY NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395001 LONGITUDE 1081312 DRAINAGE AREA 1.06 DATUM 6335.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	31.5	17.0	26.5	---	---	---	21.5	11.5	13.5
2	---	---	---	24.5	17.0	19.5	---	---	---	23.5	13.0	18.0
3	---	---	---	30.5	15.5	21.0	---	---	---	24.0	12.0	16.0
4	---	---	---	30.5	14.0	20.5	---	---	---	25.0	11.5	16.0
5	---	---	---	30.0	10.0	19.0	---	---	---	25.5	12.0	16.5
6	---	---	---	23.0	5.5	14.5	---	---	---	25.0	14.5	18.0
7	---	---	---	26.0	13.5	18.5	---	---	---	22.5	16.0	18.0
8	---	---	---	30.0	15.5	21.0	---	---	---	22.0	15.5	17.5
9	---	---	---	29.0	14.5	21.5	28.0	16.5	20.5	19.0	15.5	17.0
10	19.5	14.5	17.0	29.5	16.0	21.5	28.5	15.0	19.5	21.0	15.5	17.5
11	28.0	11.5	18.0	29.0	17.0	22.0	27.5	12.5	18.5	22.0	14.0	16.5
12	27.5	10.5	18.0	27.5	17.5	21.0	27.5	14.5	19.0	21.5	12.0	16.0
13	---	---	---	26.5	17.5	20.0	25.5	16.0	19.0	22.0	13.5	16.0
14	---	---	---	28.0	16.0	20.5	27.0	16.5	20.0	21.5	13.0	15.5
15	---	---	---	28.5	14.0	20.0	27.0	17.5	20.0	22.5	12.0	16.0
16	---	---	---	27.5	14.0	17.5	21.5	14.0	18.0	22.0	12.5	16.0
17	---	---	---	---	---	---	24.0	5.0	16.0	22.5	11.0	15.0
18	28.5	9.5	22.5	---	---	---	24.0	7.0	16.0	21.5	11.5	15.5
19	---	---	---	---	---	---	23.5	14.0	17.5	21.0	13.0	15.5
20	---	---	---	---	---	---	25.0	13.0	17.5	21.5	12.0	15.0
21	---	---	---	---	---	---	25.0	14.5	20.5	19.5	11.0	14.0
22	---	---	---	---	---	---	25.0	13.0	18.0	20.0	9.0	13.0
23	---	---	---	---	---	---	23.5	16.0	19.0	20.0	9.0	13.0
24	28.0	19.5	25.0	24.0	17.0	20.0	23.5	13.5	19.0	21.0	9.5	13.0
25	28.5	21.5	26.0	27.0	14.5	19.0	23.0	16.5	19.0	20.5	9.0	13.0
26	29.0	21.0	26.5	28.0	14.0	19.5	25.5	15.0	19.0	21.0	10.0	14.0
27	29.0	24.5	27.5	28.0	14.0	20.0	---	---	---	20.5	10.5	14.0
28	29.0	21.0	25.5	28.0	11.5	20.5	---	---	---	20.0	11.0	14.5
29	29.5	22.0	26.0	---	---	---	22.0	14.0	16.5	21.0	10.5	14.0
30	31.5	18.5	24.5	---	---	---	22.5	12.0	16.0	21.5	10.5	14.5
31	---	---	---	---	---	---	19.0	10.5	17.0	---	---	---
MONTH	31.5	9.5	23.5	31.5	5.5	20.0	28.5	5.0	18.5	25.5	9.0	15.5
YEAR	31.5	.0	17.0									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306042 PICEANCE CREEK TRIBUTARY NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395001 LONGITUDE 1081312 DRAINAGE AREA 1.06 DATUM 6335.00 STATE 08 COUNTY 103

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1			.15			.00			.00			.03
2			.25			.00			.00			.04
3			.00			.00			.00			.03
4			.30			.00			.00			.02
5			.65			.20			.00			.02
6			.15			.00			.00			.02
7			.00			.00			.15			.03
8			.15			.20			.20			.00
9			.20			.50			.00			.00
10			.00			.00			.00			.10
11			.60			.00			.00			.05
12			.15			.00			.00			.03
13			.00			.15			.00			.03
14			.00			.10			.05			.03
15			.00			.00			.10			.03
16			.00			.00			.10			.03
17			.50			.00			.05			.02
18			.70			.00			.05			.03
19			.65			.00			.10			.05
20			.60			.00			.10			1.0
21			.00			.10			.10			.20
22			.00			.40			.10			.03
23			.00			.00			.10			.00
24			.00			.25			.10			.01
25			.00			.15			.00			.00
26			.00			.00			.05			.05
27			.00			.00			.15			.02
28			.30			.10			.15			.02
29			.00			.15			.15			.02
30			.45			.10			.00			.02
31			.45						.00			.05
MONTH			.20			.08			.06			.06

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306042 PICEANCE CREEK TRIBUTARY NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395001 LONGITUDE 1081312 DRAINAGE AREA 1.06 DATUM 6335.00 STATE 08 COUNTY 103

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1			.30			.20			.05			.00
2			.30			.20			.05			.00
3			.30			.20			.05			.00
4			.30			.20			.04			.04
5			.30			.20			.04			.00
6			.30			.20			.04			.00
7			.30			.20			.02			.13
8			.10			.50			.10			.51
9			.00			.20			.40			.71
10			.00			.30			.40			.74
11			.00			.20			.50			.80
12			.00			.30			.50			.81
13			.00			.20			.50			.76
14			.00			.20			.40			.79
15			.60			.50			.70			.87
16			1.0			.40			.68			.94
17			1.0			.20			.64			.97
18			1.0			.05			.73			.91
19			1.0			.00			.86			.84
20			1.0			.20			.91			.36
21			1.0			.20			1.0			.00
22			.40			.20			.90			.00
23			.40			.20			.30			.00
24			.40			.10			.00			.00
25			.40			.10			.29			.00
26			.40			.10			.13			.00
27			.40			.10			.04			.00
28			.40			.10			.80			.00
29			.15			.10			.87			.00
30						.05			.42			.00
31						.05						.00
MONTH			.41			.19			.41			.33

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306042 PICEANCE CREEK TRIBUTARY NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395001 LONGITUDE 1081312 DRAINAGE AREA 1.06 DATUM 6335.00 STATE 08 COUNTY 103

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1			.00			.52			.00			.60
2			.00			.74			.00			.70
3			.00			.72			.00			1.2
4			.00			.71			.00			1.2
5			.00			.65			.00			1.4
6			.00			.16			.00			1.4
7			.00			.60			.55			1.5
8			.00			.65			.68			1.4
9			.00			.70			1.2			1.4
10			.12			.76			1.2			1.4
11			.72			.98			1.3			1.4
12			.47			1.1			1.8			1.0
13			.00			1.1			1.7			1.5
14			.00			1.2			1.7			1.9
15			.00			1.2			1.8			1.4
16			.00			1.1			1.8			1.4
17			.00			.61			1.1			1.5
18			.24			.37			1.2			1.5
19			.00			.00			1.7			1.4
20			.00			.00			1.6			1.5
21			.00			.36			1.0			1.5
22			.00			1.1			1.5			1.5
23			.00			1.2			1.5			1.5
24			.20			1.2			1.1			1.4
25			.23			1.2			1.6			1.6
26			.15			1.2			1.3			1.8
27			.11			1.2			1.3			1.8
28			.18			.47			1.2			1.6
29			.20			.00			1.2			1.6
30			.29			.00			.90			1.6
31						.00			.70			
MONTH			.10			.70			1.1			1.4
YEAR	---	---	.42									

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306042 PICEANCE CREEK TRIBUTARY NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395001 LONGITUDE 1081312 DRAINAGE AREA 1.06 DATUM 6335.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	1350	1340	1350			---			---			---
2	1340	1280	1310			---			---			---
3	---	---	---			---			---			---
4	---	---	---			---			---			---
5	---	---	---			---			---			---
6	---	---	---			---			---			---
7	---	---	---			---			---			---
8	---	---	---			---			1400			---
9	---	---	---			---			---			---
10	---	---	---			---			---			---
11	---	---	---			---			---			---
12	---	---	---			---			---			---
13	---	---	---			---			---			---
14	---	---	---			---			---			---
15	---	---	---			---			---			---
16	---	---	---			---			---			---
17	---	---	---			---			---			---
18	---	---	1220			---			---			---
19	---	---	---			---			---			---
20	---	---	---			---			---			1500
21	---	---	---			---			---			---
22	---	---	---			---			---			---
23	---	---	---			---			---			---
24	---	---	---			---			---			---
25	---	---	---			---			---			---
26	---	---	---			---			---			---
27	---	---	---			---			---			---
28	---	---	---			---			---			---
29	---	---	---			---			---			---
30	---	---	---			1400			---			---
31	---	---	---						---			---
MONTH	1350	1280	1290			1400			1400			1500

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY   PROCESS DATE IS 07-08-81

STATION NUMBER   09306042 PICEANCE CREEK TRIBUTARY NEAR RIO BLANCO, CO.   STREAM   SOURCE AGENCY USGS
LATITUDE 395001   LONGITUDE 1081312   DRAINAGE AREA   1.06   DATUM 6335.00   STATE 08   COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1			---			---	---	---	---	---	---	---
2			---			---	---	---	---	---	---	---
3			---			---	---	---	1800	---	---	---
4			---			---	---	---	---	1870	1540	1790
5			---			---	---	---	---	---	---	---
6			---			---	---	---	---	---	---	---
7			---			---	---	---	---	---	---	---
8			---			---	---	---	2100	1980	1830	1890
9			---			---	---	---	2100	2080	1980	2030
10			---			---	---	---	---	2020	1840	1930
11			---			---	---	---	---	1840	1720	1790
12			---			---	---	---	---	1770	1710	1740
13			---			---	---	---	---	1700	1680	1690
14			---			---	---	---	---	1720	1620	1690
15			---			---	2140	2070	2090	1900	1730	1830
16			---			---	2190	2000	2100	1880	1800	1830
17			---			---	2080	2020	2040	1800	1690	1770
18			---			---	---	---	---	1770	1720	1750
19			650			---	---	---	---	1790	1720	1750
20			---			---	---	---	---	2110	1810	1890
21			---			---	1780	1600	1690	---	---	---
22			---			---	---	---	---	---	---	---
23			---			---	---	---	---	---	---	---
24			---			---	---	---	---	---	---	---
25			---			---	1730	1670	1700	---	---	---
26			---			1700	---	---	---	---	---	---
27			1020			---	---	---	---	---	---	---
28			---			---	---	---	---	---	---	---
29			---			---	---	---	---	---	---	---
30						---	---	---	---	---	---	---
31						---	---	---	---	---	---	---
MONTH			835			1700	2190	1600	1950	2110	1540	1810

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306042 PICEANCE CREEK TRIBUTARY NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395001 LONGITUDE 1081312 DRAINAGE AREA 1.06 DATUM 6335.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	1820	1380	1730	---	---	---	---	---	---
2	---	---	---	1580	958	1460	---	---	---	---	---	---
3	---	---	---	1840	1540	1720	---	---	---	---	---	---
4	---	---	---	1840	1730	1770	---	---	---	---	---	---
5	---	---	---	1830	1340	1670	---	---	---	---	---	---
6	---	---	---	1760	1420	1680	---	---	---	---	---	---
7	---	---	---	1760	1660	1700	---	---	---	---	---	---
8	---	---	---	1850	1620	1770	---	---	---	---	---	---
9	---	---	---	1820	1700	1770	---	---	---	2240	2180	2210
10	1880	1770	1830	1810	1700	1740	---	---	---	2230	1990	2140
11	1770	1690	1730	1880	1760	1810	---	---	---	2210	2100	2140
12	1760	1750	1760	1830	1530	1740	---	---	---	2240	2100	2170
13	---	---	---	1680	1410	1600	---	---	---	2280	2120	2200
14	---	---	---	1700	1450	1610	---	---	---	2460	2260	2360
15	---	---	---	1550	1450	1500	---	---	---	2440	2350	2400
16	---	---	---	1850	1480	1520	---	---	---	2570	2170	2370
17	---	---	---	---	---	---	---	---	---	2560	2440	2500
18	1760	1730	1740	---	---	---	---	---	---	2550	2430	2490
19	---	---	---	---	---	---	---	---	---	2520	2300	2420
20	---	---	---	---	---	---	---	---	---	2340	2160	2250
21	---	---	---	---	---	---	2500	1690	2180	2160	2050	2110
22	---	---	---	---	---	---	2490	2320	2400	2450	2020	2190
23	---	---	---	---	---	---	2400	2140	2330	2440	2280	2370
24	1710	1510	1580	1960	1900	1930	2310	2050	2150	2380	2280	2330
25	1870	1750	1770	1950	1650	1810	2270	1920	2110	2380	2260	2310
26	---	---	---	1750	1660	1700	---	---	---	2410	2270	2320
27	---	---	---	1860	1740	1800	---	---	---	2380	2280	2310
28	---	---	---	1820	1810	1800	2300	1930	2040	2360	2260	2300
29	---	---	---	---	---	---	2130	1930	2020	2370	2240	2300
30	1900	1760	1820	---	---	---	2110	2000	2050	2220	2120	2190
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	1900	1510	1750	1960	958	1710	2500	1690	2160	2570	1990	2290
YEAR	2570	958	1890									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306042 PICEANCE CREEK TRIBUTARY NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395001 LONGITUDE 1081312 DRAINAGE AREA 1.06 DATUM 6335.00 STATE 08 COUNTY 103

SEDIMENT, SUSPENDED CONCENTRATION (MG/L), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1			---			---			---			---
2			---			---			---			---
3			---			---			---			---
4			---			---			---			---
5			---			---			---			---
6			---			---			---			---
7			---			---			---			---
8			---			---			118			---
9			---			---			---			---
10			---			---			---			---
11			---			---			---			---
12			---			---			---			---
13			---			---			---			---
14			---			---			---			---
15			---			---			---			45
16			---			---			---			---
17			---			---			---			---
18			13300			---			---			---
19			---			---			---			---
20			---			---			---			486
21			---			---			---			---
22			---			---			---			---
23			---			---			---			---
24			---			---			---			---
25			---			---			---			---
26			---			---			---			---
27			---			---			---			---
28			---			---			---			---
29			---			---			---			---
30			---			184			---			---
31			---						---			---
MONTH			13300			184			118			266

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306042 PICEANCE CREEK TRIBUTARY NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395001 LONGITUDE 1081312 DRAINAGE AREA 1.06 DATUM 6335.00 STATE 08 COUNTY 103

SEDIMENT, SUSPENDED CONCENTRATION (MG/L), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1			---			---			---			---
2			---			---			---			---
3			---			---			1280			---
4			---			---			---			---
5			---			---			---			---
6			---			---			---			---
7			---			---			---			---
8			---			---			12900			---
9			---			---			18500			---
10			---			---			---			---
11			---			---			---			---
12			---			---			---			---
13			---			---			---			---
14			---			---			---			1250
15			---			---			8580			1050
16			---			---			9410			589
17			---			---			5350			691
18			---			---			7960			570
19			14800			---			---			378
20			---			---			---			69
21			---			---			1080			---
22			---			---			568			---
23			---			---			57			---
24			---			---			---			---
25			---			---			---			---
26			---			8950			146			---
27			15200			---			---			---
28			---			---			---			---
29			---			---			---			---
30						---			---			---
31						---						---
MONTH			15000			8950			5980			657

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306042 PICEANCE CREEK TRIBUTARY NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395001 LONGITUDE 1081312 DRAINAGE AREA 1.06 DATUM 6335.00 STATE 08 COUNTY 103

SEDIMENT, SUSPENDED CONCENTRATION (MG/L), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1			---			635			---			---
2			---			692			---			---
3			---			142			---			---
4			---			67			---			---
5			---			54			---			---
6			---			107			---			---
7			---			56			345			---
8			---			69			272			---
9			---			29			126			141
10			20			27			268			235
11			101			597			181			261
12			74			318			543			---
13			---			156			207			---
14			---			81			166			---
15			---			51			342			159
16			---			32			1330			121
17			---			20			---			108
18			286			34			610			57
19			---			---			---			52
20			---			---			---			54
21			---			71			---			65
22			---			98			---			68
23			---			75			---			115
24			220			100			---			142
25			303			100			---			101
26			193			70			---			119
27			129			38			---			92
28			164			15			---			103
29			87			---			---			139
30			122			---			---			113
31						---			---			
MONTH			154			144			399			118
YEAR	---	---	1460									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306042 PICEANCE CREEK TRIBUTARY NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395001 LONGITUDE 1081312 DRAINAGE AREA 1.06 DATUM 6335.00 STATE 08 COUNTY 103

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1			5.0			---			---			.00
2			10			---			---			.01
3			---			---			---			.00
4			10			---			---			.00
5			20			1.0			---			.00
6			5.0			---			---			.00
7			---			---			.05			.00
8			5.0			1.0			.05			---
9			5.0			10			---			---
10			---			---			---			.05
11			20			---			---			.01
12			5.0			---			---			.00
13			---			.50			---			.00
14			---			.10			.01			.00
15			---			---			.05			.00
16			---			---			.05			.00
17			20			---			.01			.00
18			25			---			.01			.00
19			25			---			.05			.01
20			20			---			.05			1.3
21			---			.10			.05			.05
22			---			5.0			.05			.01
23			---			---			.05			---
24			---			1.0			.05			.00
25			---			.50			---			---
26			---			---			.01			.05
27			---			---			.05			.00
28			2.0			.10			.05			.00
29			---			.50			.05			.00
30			10			.05			---			.00
31			10						---			.05
MONTH			12			1.7			.04			.06

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306042 PICEANCE CREEK TRIBUTARY NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395001 LONGITUDE 1081312 DRAINAGE AREA 1.06 DATUM 6335.00 STATE 08 COUNTY 103

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1			1.0			5.0			.15			---
2			1.0			5.0			.15			---
3			1.0			5.0			.17			---
4			1.0			5.0			.10			.05
5			1.0			5.0			.10			---
6			1.0			5.0			.10			---
7			1.0			5.0			.05			.20
8			.10			20			3.5			2.0
9			---			5.0			20			2.0
10			---			10			15			2.0
11			---			5.0			20			3.0
12			---			10			20			3.0
13			---			5.0			20			2.0
14			---			5.0			15			2.6
15			15			20			16			2.4
16			40			15			18			1.5
17			40			5.0			10			1.8
18			40			2.0			18			1.3
19			40			---			8.0			.81
20			40			5.0			2.0			.13
21			40			5.0			4.5			---
22			15			5.0			1.6			---
23			15			5.0			.09			---
24			15			3.0			.00			---
25			15			3.0			2.0			---
26			15			2.4			.23			---
27			16			2.0			.05			---
28			15			2.0			3.0			---
29			5.0			2.0			3.0			---
30						.15			1.0			---
31						.15						---
MONTH			16			5.7			6.7			1.7

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                        UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY        PROCESS DATE IS 07-08-81

STATION NUMBER        09306042  PICEANCE CREEK TRIBUTARY NEAR RIO BLANCO, CO.       STREAM    SOURCE AGENCY USGS
LATITUDE  395001    LONGITUDE  1081312        DRAINAGE AREA       1.06   DATUM  6335.00   STATE 08  COUNTY 103

                SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY        MAX      MIN    MEAN          MAX      MIN    MEAN          MAX      MIN    MEAN          MAX      MIN    MEAN

                    JUNE                          JULY                          AUGUST                        SEPTEMBER

  1                         ---                           .96                           ---                           .10
  2                         ---                          1.6                            ---                           .10
  3                         ---                           .27                           ---                           .30
  4                         ---                           .12                           ---                           .30
  5                         ---                           .09                           ---                           .60

  6                         ---                           .12                           ---                           .40
  7                         ---                           .06                           .97                           .40
  8                         ---                           .12                           .68                           .40
  9                         ---                           .05                           .40                           .53
 10                         .03                           .06                           .92                           .92

 11                         .19                          1.8                            .68                          1.1
 12                         .15                           .94                          2.7                            .10
 13                         ---                           .46                           .95                          1.0
 14                         ---                           .26                           .76                          2.5
 15                         ---                           .17                          1.7                            .60

 16                         ---                           .10                          7.0                            .48
 17                         ---                           .06                          2.0                            .44
 18                         .68                           .10                          2.0                            .23
 19                         ---                           ---                          1.0                            .20
 20                         ---                           ---                           .40                           .22

 21                         ---                           .19                           .10                           .26
 22                         ---                           .29                           .40                           .28
 23                         ---                           .24                           .40                           .48
 24                         .42                           .32                           .20                           .55
 25                         .68                           .32                           .60                           .44

 26                         .32                           .23                           .40                           .58
 27                         .15                           .12                           .40                           .45
 28                         .27                           .02                           .30                           .44
 29                         .18                           ---                           .30                           .60
 30                         .19                           ---                           .20                           .49
 31                                                       ---                           .10

MONTH                       .30                           .35                          1.0                            .52

YEAR       ---      ---    4.0

NOTE:    NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR
```

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306050 SCANDARD GULCH NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394738 LONGITUDE 1081340 DRAINAGE AREA 6.61 DATUM 6646.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
MONTH												

```
                              UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY             PROCESS DATE IS 07-08-81

STATION NUMBER        09306050  SCANDARD GULCH NEAR RIO BLANCO, CO.                 STREAM    SOURCE AGENCY USGS
LATITUDE  394738     LONGITUDE  1081340        DRAINAGE AREA        6.61   DATUM  6646.00   STATE 08  COUNTY 103

                             TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY        MAX      MIN     MEAN         MAX      MIN     MEAN         MAX      MIN     MEAN         MAX      MIN     MEAN

                  FEBRUARY                       MARCH                          APRIL                          MAY

  1        ---      ---      ---
  2        ---      ---      ---
  3        ---      ---      ---
  4        ---      ---      ---
  5        ---      ---      ---

  6        ---      ---      ---
  7        ---      ---      ---
  8        ---      ---      ---
  9        ---      ---      ---
 10        ---      ---      ---

 11        ---      ---      ---
 12        ---      ---      ---
 13        ---      ---      ---
 14        ---      ---      ---
 15        ---      ---      ---

 16        ---      ---      ---
 17        ---      ---      ---
 18        ---      ---      ---
 19         .0       .0       .0
 20        ---      ---      ---

 21        ---      ---      ---
 22        ---      ---      ---
 23        ---      ---      ---
 24        ---      ---      ---
 25        ---      ---      ---

 26        ---      ---      ---
 27        ---      ---      ---
 28        ---      ---      ---
 29        ---      ---      ---
 30        ---      ---      ---
 31        ---      ---      ---

MONTH       .0       .0       .0
```

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306050 SCANDARD GULCH NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394738 LONGITUDE 1081340 DRAINAGE AREA 6.61 DATUM 6646.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
MONTH												
YEAR	.0	.0	.0									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

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                                   UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY          PROCESS DATE IS 07-08-81

STATION NUMBER          09306050  SCANDARD GULCH NEAR RIO BLANCO, CO.                    STREAM    SOURCE AGENCY USGS
LATITUDE  394738      LONGITUDE  1081340          DRAINAGE AREA         6.61    DATUM  6646.00   STATE 08  COUNTY 103

                           DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY        MAX      MIN    MEAN           MAX      MIN    MEAN           MAX      MIN    MEAN           MAX      MIN    MEAN

                 OCTOBER                        NOVEMBER                       DECEMBER                        JANUARY

  1                         .00                            .00                            .00                            .00
  2                         .00                            .00                            .00                            .00
  3                         .00                            .00                            .00                            .00
  4                         .00                            .00                            .00                            .00
  5                         .00                            .00                            .00                            .00

  6                         .00                            .00                            .00                            .00
  7                         .00                            .00                            .00                            .00
  8                         .00                            .00                            .00                            .00
  9                         .00                            .00                            .00                            .00
 10                         .00                            .00                            .00                            .00

 11                         .00                            .00                            .00                            .00
 12                         .00                            .00                            .00                            .00
 13                         .00                            .00                            .00                            .00
 14                         .00                            .00                            .00                            .00
 15                         .00                            .00                            .00                            .00

 16                         .00                            .00                            .00                            .00
 17                         .00                            .00                            .00                            .00
 18                         .00                            .00                            .00                            .00
 19                         .00                            .00                            .00                            .00
 20                         .00                            .00                            .00                            .00

 21                         .00                            .00                            .00                            .00
 22                         .00                            .00                            .00                            .00
 23                         .00                            .00                            .00                            .00
 24                         .00                            .00                            .00                            .00
 25                         .00                            .00                            .00                            .00

 26                         .00                            .00                            .00                            .00
 27                         .00                            .00                            .00                            .00
 28                         .00                            .00                            .00                            .00
 29                         .00                            .00                            .00                            .00
 30                         .00                            .00                            .00                            .00
 31                         .00                                                           .00                            .00

MONTH                       .00                            .00                            .00                            .00
```

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306050 SCANDARD GULCH NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394738 LONGITUDE 1081340 DRAINAGE AREA 6.61 DATUM 6646.00 STATE 08 COUNTY 103

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1			.00			.00			.00			.00
2			.00			.00			.00			.00
3			.00			.00			.00			.00
4			.00			.00			.00			.00
5			.00			.00			.00			.00
6			.00			.00			.00			.00
7			.00			.00			.00			.00
8			.00			.00			.00			.00
9			.00			.00			.00			.00
10			.00			.00			.00			.00
11			.00			.00			.00			.00
12			.00			.00			.00			.00
13			.00			.00			.00			.00
14			.00			.00			.00			.00
15			.00			.00			.00			.00
16			.00			.00			.00			.00
17			.00			.00			.00			.00
18			.00			.00			.00			.00
19			.01			.00			.00			.00
20			.00			.00			.00			.00
21			.00			.00			.00			.00
22			.00			.00			.00			.00
23			.00			.00			.00			.00
24			.00			.00			.00			.00
25			.00			.00			.00			.00
26			.00			.00			.00			.00
27			.00			.00			.00			.00
28			.00			.00			.00			.00
29			.00			.00			.00			.00
30						.00			.00			.00
31						.00						.00
MONTH			.00			.00			.00			.00

```
                             UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY            PROCESS DATE IS 07-08-81

STATION NUMBER         09306050  SCANDARD GULCH NEAR RIO BLANCO, CO.                  STREAM    SOURCE AGENCY USGS
LATITUDE  394738     LONGITUDE  1081340         DRAINAGE AREA        6.61   DATUM   6646.00   STATE 08  COUNTY 103

                     DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY       MAX     MIN    MEAN         MAX     MIN    MEAN         MAX     MIN    MEAN         MAX     MIN    MEAN

                  JUNE                        JULY                        AUGUST                     SEPTEMBER

  1                       .00                         .00                         .00                         .00
  2                       .00                         .00                         .00                         .00
  3                       .00                         .00                         .00                         .00
  4                       .00                         .00                         .00                         .00
  5                       .00                         .00                         .00                         .00

  6                       .00                         .00                         .00                         .00
  7                       .00                         .00                         .00                         .00
  8                       .00                         .00                         .00                         .00
  9                       .00                         .00                         .00                         .00
 10                       .00                         .00                         .00                         .00

 11                       .00                         .00                         .00                         .00
 12                       .00                         .00                         .00                         .00
 13                       .00                         .00                         .00                         .00
 14                       .00                         .00                         .00                         .00
 15                       .00                         .00                         .00                         .00

 16                       .00                         .00                         .00                         .00
 17                       .00                         .00                         .00                         .00
 18                       .00                         .00                         .00                         .00
 19                       .00                         .00                         .00                         .00
 20                       .00                         .00                         .00                         .00

 21                       .00                         .00                         .00                         .00
 22                       .00                         .00                         .00                         .00
 23                       .00                         .00                         .00                         .00
 24                       .00                         .00                         .00                         .00
 25                       .00                         .00                         .00                         .00

 26                       .00                         .00                         .00                         .00
 27                       .00                         .00                         .00                         .00
 28                       .00                         .00                         .00                         .00
 29                       .00                         .00                         .00                         .00
 30                       .00                         .00                         .00                         .00
 31                                                   .00                         .00

MONTH                     .00                         .00                         .00                         .00

YEAR      ---     ---     .00
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UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306050 SCANDARD GULCH NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394738 LONGITUDE 1081340 DRAINAGE AREA 6.61 DATUM 6646.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1												
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MONTH												

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306050 SCANDARD GULCH NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394738 LONGITUDE 1081340 DRAINAGE AREA 6.61 DATUM 6646.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1			---									
2			---									
3			---									
4			---									
5			---									
6			---									
7			---									
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10			---									
11			---									
12			---									
13			---									
14			---									
15			---									
16			---									
17			---									
18			---									
19			95									
20			---									
21			---									
22			---									
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27			---									
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29			---									
30												
31												
MONTH			95									

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306050 SCANDARD GULCH NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394738 LONGITUDE 1081340 DRAINAGE AREA 6.61 DATUM 6646.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1												
2												
3												
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31												
MONTH												
YEAR	---	---	95									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306052 SCANDARD GULCH AT MOUTH, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394851 LONGITUDE 1081435 DRAINAGE AREA 7.97 DATUM 6434.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1												
2												
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30												
31												
MONTH												

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306052 SCANDARD GULCH AT MOUTH, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394851 LONGITUDE 1081435 DRAINAGE AREA 7.97 DATUM 6434.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	---	---	---						
2	---	---	---	---	---	---						
3	---	---	---	---	---	---						
4	---	---	---	---	---	---						
5	---	---	---	---	---	---						
6	---	---	---	---	---	---						
7	---	---	---	---	---	---						
8	---	---	---	---	---	---						
9	---	---	---	---	---	---						
10	---	---	---	---	---	---						
11	---	---	---	---	---	---						
12	---	---	---	---	---	---						
13	---	---	---	---	---	---						
14	---	---	---	---	---	---						
15	---	---	---	6.5	3.0	---						
16	---	---	---	---	---	---						
17	---	---	---	---	---	---						
18	---	---	---	9.0	.0	---						
19	.0	.0	.0	13.0	.0	6.0						
20	1.0	.0	.0	16.5	.0	8.0						
21	.0	.0	.0	19.5	.0	10.0						
22	---	---	---	---	---	---						
23	---	---	---	---	---	---						
24	---	---	---	---	---	---						
25	---	---	---	---	---	---						
26	---	---	---	---	---	---						
27	---	---	---	---	---	---						
28	---	---	---	---	---	---						
29	---	---	---	---	---	---						
30	---	---	---	---	---	---						
31	---	---	---	---	---	---						
MONTH	1.0	.0	.0	19.5	.0	8.0						

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306052 SCANDARD GULCH AT MOUTH, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394851 LONGITUDE 1081435 DRAINAGE AREA 7.97 DATUM 6434.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1												
2												
3												
4												
5												
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7												
8												
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25												
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27												
28												
29												
30												
31												
MONTH												
YEAR	19.5	.0	4.0									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306052 SCANDARD GULCH AT MOUTH, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394851 LONGITUDE 1081435 DRAINAGE AREA 7.97 DATUM 6434.00 STATE 08 COUNTY 103

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1			.00			.00			.00			.00
2			.00			.00			.00			.00
3			.00			.00			.00			.00
4			.00			.00			.00			.00
5			.00			.00			.00			.00
6			.00			.00			.00			.00
7			.00			.00			.00			.00
8			.00			.00			.00			.00
9			.00			.00			.00			.00
10			.00			.00			.00			.00
11			.00			.00			.00			.00
12			.00			.00			.00			.00
13			.00			.00			.00			.00
14			.00			.00			.00			.00
15			.00			.00			.00			.00
16			.00			.00			.00			.00
17			.00			.00			.00			.00
18			.00			.00			.00			.00
19			.00			.00			.00			.00
20			.00			.00			.00			.00
21			.00			.00			.00			.00
22			.00			.00			.00			.00
23			.00			.00			.00			.00
24			.00			.00			.00			.00
25			.00			.00			.00			.00
26			.00			.00			.00			.00
27			.00			.00			.00			.00
28			.00			.00			.00			.00
29			.00			.00			.00			.00
30			.00			.00			.00			.00
31			.00						.00			.00
MONTH			.00			.00			.00			.00

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306052 SCANDARD GULCH AT MOUTH, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394851 LONGITUDE 1081435 DRAINAGE AREA 7.97 DATUM 6434.00 STATE 08 COUNTY 103

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1			.00			.00			.00			.00
2			.00			.00			.00			.00
3			.00			.00			.00			.00
4			.00			.00			.00			.00
5			.00			.00			.00			.00
6			.00			.00			.00			.00
7			.00			.00			.00			.00
8			.00			.00			.00			.00
9			.00			.00			.00			.00
10			.00			.00			.00			.00
11			.00			.00			.00			.00
12			.00			.00			.00			.00
13			.00			.00			.00			.00
14			.00			.00			.00			.00
15			.00			.01			.00			.00
16			.00			.00			.00			.00
17			.00			.00			.00			.00
18			.00			.01			.00			.00
19			1.8			.01			.00			.00
20			2.4			.01			.00			.00
21			.16			.01			.00			.00
22			.00			.00			.00			.00
23			.00			.00			.00			.00
24			.00			.00			.00			.00
25			.00			.00			.00			.00
26			.00			.00			.00			.00
27			.00			.00			.00			.00
28			.00			.00			.00			.00
29			.00			.00			.00			.00
30						.00			.00			.00
31						.00						.00
MONTH			.15			.00			.00			.00

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306052 SCANDARD GULCH AT MOUTH, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394851 LONGITUDE 1081435 DRAINAGE AREA 7.97 DATUM 6434.00 STATE 08 COUNTY 103

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1			.00			.00			.00			.00
2			.00			.00			.00			.00
3			.00			.00			.00			.00
4			.00			.00			.00			.00
5			.00			.00			.00			.00
6			.00			.00			.00			.00
7			.00			.00			.00			.00
8			.00			.00			.00			.00
9			.00			.00			.00			.00
10			.00			.00			.00			.00
11			.00			.00			.00			.00
12			.00			.00			.00			.00
13			.00			.00			.00			.00
14			.00			.00			.00			.00
15			.00			.00			.00			.00
16			.00			.00			.00			.00
17			.00			.00			.00			.00
18			.00			.00			.00			.00
19			.00			.00			.00			.00
20			.00			.00			.00			.00
21			.00			.00			.00			.00
22			.00			.00			.00			.00
23			.00			.00			.00			.00
24			.00			.00			.00			.00
25			.00			.00			.00			.00
26			.00			.00			.00			.00
27			.00			.00			.00			.00
28			.00			.00			.00			.00
29			.00			.00			.00			.00
30			.00			.00			.00			.00
31						.00			.00			
MONTH			.00			.00			.00			.00
YEAR	---	---	.01									

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                                UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY           PROCESS DATE IS 07-08-81

STATION NUMBER          09306052  SCANDARD GULCH AT MOUTH, NEAR RIO BLANCO, CO.          STREAM     SOURCE AGENCY USGS
LATITUDE  394851      LONGITUDE  1081435          DRAINAGE AREA         7.97   DATUM  6434.00   STATE 08  COUNTY 103

                   SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY        MAX      MIN     MEAN          MAX      MIN     MEAN          MAX      MIN     MEAN          MAX      MIN     MEAN

                 OCTOBER                        NOVEMBER                       DECEMBER                        JANUARY

  1
  2
  3
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 31

 MONTH
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UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY   PROCESS DATE IS 07-08-81

STATION NUMBER   09306052 SCANDARD GULCH AT MOUTH, NEAR RIO BLANCO, CO.   STREAM   SOURCE AGENCY USGS
LATITUDE 394851   LONGITUDE 1081435   DRAINAGE AREA   7.97   DATUM 6434.00   STATE 08   COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1			---	---	---	---						
2			---	---	---	---						
3			---	---	---	---						
4			---	---	---	---						
5			---	---	---	---						
6			---	---	---	---						
7			---	---	---	---						
8			---	---	---	---						
9			---	---	---	---						
10			---	---	---	---						
11			---	---	---	---						
12			---	---	---	---						
13			---	---	---	---						
14			---	---	---	---						
15			---	176	106	142						
16			---	---	---	---						
17			---	---	---	---						
18			---	138	111	129						
19			220	140	117	132						
20			---	146	126	136						
21			---	140	109	126						
22			---	---	---	---						
23			---	---	---	---						
24			---	---	---	---						
25			---	---	---	---						
26			---	---	---	---						
27			---	---	---	---						
28			---	---	---	---						
29			---	---	---	---						
30				---	---	---						
31				---	---	---						
MONTH			220	176	106	133						

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306052 SCANDARD GULCH AT MOUTH, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394851 LONGITUDE 1081435 DRAINAGE AREA 7.97 DATUM 6434.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1												
2												
3												
4												
5												
6												
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24												
25												
26												
27												
28												
29												
30												
31												
MONTH												
YEAR	176	106	148									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306052 SCANDARD GULCH AT MOUTH, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394851 LONGITUDE 1081435 DRAINAGE AREA 7.97 DATUM 6434.00 STATE 08 COUNTY 103

SEDIMENT, SUSPENDED CONCENTRATION (MG/L), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1												
2												
3												
4												
5												
6												
7												
8												
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28												
29												
30												
31												
MONTH												

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                    UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY          PROCESS DATE IS 07-08-81

STATION NUMBER          09306052  SCANDARD GULCH AT MOUTH, NEAR RIO BLANCO, CO.       STREAM    SOURCE AGENCY USGS
LATITUDE  394851     LONGITUDE  1081435         DRAINAGE AREA        7.97   DATUM  6434.00   STATE 08  COUNTY 103

               SEDIMENT, SUSPENDED CONCENTRATION (MG/L), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY       MAX     MIN    MEAN         MAX     MIN    MEAN         MAX     MIN    MEAN         MAX     MIN    MEAN

               FEBRUARY                      MARCH                        APRIL                        MAY

  1                       ---
  2                       ---
  3                       ---
  4                       ---
  5                       ---

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  7                       ---
  8                       ---
  9                       ---
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 19                       145
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 21                       ---
 22                       ---
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 25                       ---

 26                       ---
 27                       ---
 28                       ---
 29                       ---
 30
 31

MONTH                     145
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UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306052 SCANDARD GULCH AT MOUTH, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394851 LONGITUDE 1081435 DRAINAGE AREA 7.97 DATUM 6434.00 STATE 08 COUNTY 103

SEDIMENT, SUSPENDED CONCENTRATION (MG/L), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1												
2												
3												
4												
5												
6												
7												
8												
9												
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26												
27												
28												
29												
30												
31												
MONTH												
YEAR	---	---	145									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306052 SCANDARD GULCH AT MOUTH, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394851 LONGITUDE 1081435 DRAINAGE AREA 7.97 DATUM 6434.00 STATE 08 COUNTY 103

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
MONTH												

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306052 SCANDARD GULCH AT MOUTH, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394851 LONGITUDE 1081435 DRAINAGE AREA 7.97 DATUM 6434.00 STATE 08 COUNTY 103

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1			---			---						
2			---			---						
3			---			---						
4			---			---						
5			---			---						
6			---			---						
7			---			---						
8			---			---						
9			---			---						
10			---			---						
11			---			---						
12			---			---						
13			---			---						
14			---			.01						
15			---			.01						
16			---			---						
17			---			---						
18			---			.01						
19			1.5			.01						
20			4.0			.01						
21			.15			.01						
22			---			---						
23			---			---						
24			---			---						
25			---			---						
26			---			---						
27			---			---						
28			---			---						
29			---			---						
30						---						
31						---						
MONTH			1.9			.01						

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306052 SCANDARD GULCH AT MOUTH, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 394851 LONGITUDE 1081435 DRAINAGE AREA 7.97 DATUM 6434.00 STATE 08 COUNTY 103

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
MONTH												
YEAR	---	---	.63									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY　　PROCESS DATE IS 07-08-81

STATION NUMBER　09306058　WILLOW CREEK NEAR RIO BLANCO, CO.　STREAM　SOURCE AGENCY USGS
LATITUDE 395014　LONGITUDE 1081437　DRAINAGE AREA 48.40　DATUM 6273.00　STATE 08　COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	---	---	---	---	---	---	3.0	.5	2.0
2	---	---	---	---	---	---	---	---	---	3.5	.5	2.0
3	---	---	---	---	---	---	---	---	---	2.0	.0	1.0
4	---	---	---	---	---	---	---	---	---	4.0	1.5	2.0
5	---	---	---	---	---	---	---	---	---	4.5	.5	2.0
6	---	---	---	---	---	---	---	---	---	2.0	.0	.5
7	---	---	---	---	---	---	---	---	---	3.0	.0	1.0
8	---	---	---	---	---	---	---	---	---	3.5	.5	2.0
9	---	---	---	---	---	---	---	---	---	4.0	1.5	2.5
10	---	---	---	6.0	1.0	3.5	---	---	---	4.0	.0	2.5
11	---	---	---	3.0	2.0	2.5	---	---	---	1.0	.0	.5
12	---	---	---	5.0	.5	1.5	---	---	---	3.0	1.0	2.0
13	---	---	---	6.0	.5	---	.0	.0	.0	6.5	2.0	4.0
14	---	---	---	6.5	.5	3.0	.5	.0	.0	4.0	2.5	3.5
15	---	---	---	6.5	.0	---	2.0	.0	.5	6.0	3.0	4.5
16	12.5	6.5	---	---	---	---	3.0	.0	---	5.5	2.5	3.5
17	10.5	3.5	---	---	---	---	---	---	---	6.5	2.0	3.5
18	12.0	6.0	---	---	---	---	---	---	---	5.5	2.5	4.0
19	12.5	8.0	---	---	---	---	---	---	---	3.0	1.0	1.5
20	9.0	4.0	---	---	---	---	---	---	---	5.0	.0	1.5
21	7.5	4.0	---	---	---	---	---	---	---	---	---	---
22	8.5	1.5	---	---	---	---	---	---	---	5.0	.0	2.5
23	10.0	2.5	---	2.0	.0	.0	---	---	---	3.5	.0	1.0
24	10.5	3.0	7.0	2.0	.0	.5	2.5	.0	1.5	4.5	.0	1.5
25	11.5	3.0	7.0	3.5	.5	---	4.0	1.0	2.0	5.5	.5	2.0
26	10.5	4.0	7.0	5.0	1.0	3.0	3.0	.0	1.5	3.5	.0	1.0
27	10.5	3.0	7.0	3.0	1.0	2.0	2.5	1.5	2.0	3.0	.0	1.0
28	8.5	2.0	5.5	2.5	.0	---	3.0	1.0	2.0	1.0	.0	.5
29	5.0	2.0	3.5	---	---	---	2.5	.0	.5	4.0	.0	1.5
30	6.0	1.0	2.5	---	---	---	2.0	.0	.5	3.5	.0	1.0
31	---	---	---	---	---	---	1.5	.0	.5	---	---	---
MONTH	12.5	1.0	5.5	6.5	.0	2.0	4.0	.0	1.0	6.5	.0	2.0

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306058 WILLOW CREEK NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395014 LONGITUDE 1081437 DRAINAGE AREA 48.40 DATUM 6273.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	13.0	.5	6.0	15.0	7.0	10.0
2	---	---	---	---	---	---	6.0	1.5	3.5	17.0	6.0	11.0
3	---	---	---	---	---	---	12.0	.5	5.5	16.0	5.5	10.5
4	7.0	1.5	4.5	---	---	---	15.0	2.5	8.0	19.5	6.0	12.0
5	5.0	.0	2.0	9.0	4.0	6.5	14.0	3.0	8.0	---	---	---
6	5.5	1.0	3.0	4.5	2.0	3.0	10.0	3.0	6.5	---	---	---
7	5.0	.5	3.0	9.5	1.0	5.0	10.0	1.5	5.0	---	---	---
8	2.5	.0	.5	9.0	1.0	5.0	14.5	.0	6.0	---	---	---
9	.0	.0	.0	9.0	.5	4.5	14.5	1.5	7.5	---	---	---
10	2.0	.0	.5	11.5	.5	5.0	12.0	4.5	7.5	---	---	---
11	3.0	.0	.5	8.5	.5	4.5	7.0	2.5	4.5	---	---	---
12	3.0	.0	1.0	9.0	1.5	4.5	12.5	.0	5.5	---	---	---
13	6.0	.5	3.0	10.0	.0	4.0	15.0	.5	6.5	16.5	6.0	12.0
14	6.0	3.0	4.0	11.5	1.0	5.5	17.0	1.0	8.5	12.5	4.0	8.5
15	6.0	3.5	4.5	11.0	2.0	6.0	14.0	3.0	8.5	15.5	7.5	11.0
16	7.0	3.0	4.5	8.5	.0	3.5	16.0	2.0	8.5	14.0	9.0	11.0
17	6.5	3.0	4.5	7.5	.0	2.5	17.5	2.0	10.0	17.0	8.0	11.0
18	6.0	1.0	3.5	11.5	.0	4.5	18.0	2.5	9.5	16.5	6.5	12.0
19	4.0	1.5	2.0	13.0	2.0	6.5	18.5	3.5	10.0	17.5	8.5	13.5
20	---	---	---	13.0	1.0	6.5	19.0	4.0	10.5	19.0	9.5	14.0
21	---	---	---	13.5	2.0	7.0	18.5	5.0	11.0	22.5	10.0	15.5
22	---	---	---	7.0	3.0	5.0	15.0	7.5	10.5	20.0	11.0	15.0
23	---	---	---	10.5	3.0	6.5	16.5	5.5	10.0	16.5	10.0	13.0
24	---	---	---	12.5	3.0	7.5	12.5	7.5	9.5	16.5	7.0	10.5
25	---	---	---	6.0	1.5	3.5	18.0	3.0	10.0	14.5	5.5	9.5
26	---	---	---	10.5	.5	4.5	18.5	3.0	10.0	16.5	5.0	10.5
27	---	---	---	10.5	.0	4.5	19.5	3.0	10.5	17.0	6.0	11.0
28	---	---	---	7.0	1.5	4.0	15.0	4.5	10.0	15.5	7.5	11.5
29	---	---	---	11.0	2.0	5.5	16.0	6.5	10.0	16.0	9.0	11.5
30	---	---	---	7.0	1.0	3.0	15.0	7.0	10.5	17.5	7.5	11.5
31	---	---	---	9.5	.0	4.0	---	---	---	15.0	6.5	10.5
MONTH	7.0	.0	2.5	13.5	.0	5.0	19.5	.0	8.5	22.5	4.0	11.5

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306058 WILLOW CREEK NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395014 LONGITUDE 1081437 DRAINAGE AREA 48.40 DATUM 6273.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	15.5	7.0	10.0	18.0	13.5	15.0	19.5	10.5	14.0	16.0	7.0	11.0
2	16.0	6.5	11.0	16.0	12.0	14.0	21.5	11.0	15.0	16.5	7.0	11.5
3	17.0	8.0	12.0	19.5	11.0	14.0	19.0	10.0	13.5	17.0	8.0	12.0
4	17.0	7.5	11.5	19.0	10.0	13.5	19.5	9.0	13.5	17.0	8.0	12.5
5	17.0	6.5	11.0	18.0	9.5	13.0	20.5	9.5	14.0	16.5	7.5	12.0
6	17.0	7.0	11.0	18.0	9.5	13.0	21.0	9.5	14.0	16.5	9.5	13.0
7	17.5	7.5	11.5	15.5	10.0	12.5	21.0	10.0	14.5	15.0	11.0	12.5
8	18.0	6.5	11.5	18.0	12.5	14.5	21.0	9.5	14.5	14.5	10.0	12.0
9	19.0	8.0	13.0	18.0	12.0	14.5	19.0	11.5	15.0	13.0	10.5	11.5
10	19.5	9.5	14.5	18.0	12.5	15.0	19.5	10.0	14.0	13.5	10.5	12.0
11	19.5	10.5	14.5	18.5	12.5	15.0	18.5	8.5	13.0	15.5	8.0	11.5
12	19.5	9.5	14.0	---	---	---	18.0	8.5	13.0	14.0	8.5	11.0
13	18.0	9.5	14.0	---	---	---	16.0	10.5	13.0	16.5	8.0	12.0
14	18.0	10.0	---	---	---	---	17.0	11.5	14.0	14.0	7.0	10.5
15	19.0	10.5	---	---	---	---	18.0	12.0	15.0	15.5	7.0	11.0
16	19.5	9.5	14.0	17.0	14.0	---	14.5	10.0	12.0	15.5	8.5	11.5
17	20.5	10.5	14.5	17.5	12.5	14.5	17.5	8.0	12.5	14.5	5.5	10.0
18	19.0	10.5	14.5	18.0	13.0	15.0	17.0	8.5	12.5	14.5	5.5	10.5
19	15.5	11.5	13.0	18.0	13.5	15.0	15.5	8.0	11.5	14.5	7.5	11.0
20	18.0	10.5	14.0	17.5	13.0	15.0	16.5	7.5	11.5	15.0	7.5	11.0
21	17.5	11.0	14.0	17.5	13.0	15.0	16.5	7.0	12.0	12.5	5.5	9.0
22	19.0	11.0	14.5	17.5	13.0	15.0	16.5	7.5	12.0	13.0	4.5	8.5
23	16.0	11.0	13.5	16.5	13.5	15.0	16.5	10.0	13.0	14.5	3.5	8.0
24	18.5	9.5	12.0	16.5	13.0	14.5	16.0	11.5	13.5	17.0	5.0	9.5
25	19.0	10.5	14.0	18.5	10.5	14.0	15.5	10.0	12.5	17.0	4.5	9.0
26	19.0	11.5	15.0	20.0	10.0	14.5	17.0	9.0	12.5	17.5	5.5	9.5
27	19.0	11.5	15.0	18.5	10.0	15.0	16.5	8.5	12.5	16.0	6.0	10.0
28	19.0	11.0	14.5	21.5	13.0	17.5	17.0	9.0	12.5	12.5	8.0	10.0
29	19.5	9.5	14.0	20.0	10.0	14.5	15.0	9.5	12.0	14.0	6.0	9.5
30	19.0	12.5	15.0	19.0	11.0	14.0	15.0	8.0	11.0	14.5	5.5	10.0
31	---	---	---	20.5	9.5	14.0	13.0	7.5	10.5	---	---	---
MONTH	20.5	6.5	13.5	21.5	9.5	14.5	21.5	7.0	13.0	17.5	3.5	11.0
YEAR	22.5	.0	8.5									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY   PROCESS DATE IS 07-08-81

STATION NUMBER   09306058 WILLOW CREEK NEAR RIO BLANCO, CO.   STREAM   SOURCE AGENCY USGS
LATITUDE 395014   LONGITUDE 1081437   DRAINAGE AREA   48.40   DATUM 6273.00   STATE 08   COUNTY 103

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1			2.2			4.4			2.3			3.4
2			5.2			5.2			3.4			3.4
3			4.6			5.2			4.4			3.4
4			4.6			5.6			4.3			3.3
5			4.6			6.0			4.5			3.0
6			4.9			6.0			4.5			2.7
7			4.6			5.2			4.4			3.3
8			4.6			4.4			4.4			3.0
9			4.4			4.6			4.4			3.0
10			4.4			4.6			4.5			3.0
11			4.1			4.6			4.4			3.1
12			3.9			4.9			3.0			3.2
13			3.9			4.6			2.5			3.6
14			4.1			4.4			3.0			3.9
15			3.9			4.4			4.0			3.7
16			3.7			4.4			3.7			3.6
17			3.9			4.3			3.6			3.3
18			4.1			4.6			3.6			3.3
19			4.1			4.6			3.6			3.2
20			4.4			4.6			3.3			3.3
21			4.4			4.6			3.2			3.2
22			3.9			4.8			3.6			3.2
23			3.9			5.1			3.4			3.1
24			4.0			4.5			3.3			3.0
25			3.7			4.6			3.3			3.3
26			3.9			4.6			3.6			3.3
27			3.9			4.9			3.4			3.3
28			4.4			4.4			3.4			3.3
29			5.2			3.7			3.4			3.3
30			5.6			2.9			3.4			3.3
31			4.4						3.4			3.3
MONTH			4.2			4.7			3.7			3.3

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306058 WILLOW CREEK NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395014 LONGITUDE 1081437 DRAINAGE AREA 48.40 DATUM 6273.00 STATE 08 COUNTY 103

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1			3.3			4.3			4.1			3.0
2			3.3			4.2			4.1			2.9
3			3.3			4.3			4.1			2.8
4			3.2			4.4			4.1			1.2
5			3.2			4.4			4.1			.23
6			3.2			4.4			4.1			.25
7			3.3			4.3			4.0			.38
8			3.0			4.3			3.9			.27
9			3.1			4.2			3.9			.20
10			3.1			4.3			3.9			.18
11			3.1			4.4			3.7			.22
12			3.1			4.4			3.4			.20
13			3.0			4.4			3.3			.18
14			3.1			4.4			3.4			1.1
15			3.2			4.5			3.4			2.5
16			3.3			4.6			3.7			2.3
17			3.3			4.2			3.7			1.9
18			4.0			4.4			3.9			2.4
19			6.0			4.3			3.6			3.4
20			5.3			4.3			2.8			3.5
21			4.7			4.3			2.9			3.8
22			4.5			4.4			3.0			4.2
23			4.4			4.3			2.9			3.7
24			4.4			4.3			3.0			2.7
25			4.4			4.3			3.0			3.1
26			4.4			4.1			3.2			3.0
27			4.5			4.1			3.3			3.2
28			4.5			4.1			3.3			3.7
29			4.4			4.2			3.0			4.0
30						4.2			3.6			3.7
31						4.1						1.6
MONTH			3.8			4.3			3.6			2.1

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306058 WILLOW CREEK NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395014 LONGITUDE 1081437 DRAINAGE AREA 48.40 DATUM 6273.00 STATE 08 COUNTY 103

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1			1.4			3.5			4.1			5.2
2			1.9			3.6			4.3			5.0
3			2.2			2.6			4.3			4.8
4			1.6			2.8			4.4			4.8
5			1.1			3.0			4.5			4.9
6			1.3			3.2			4.5			4.8
7			1.4			3.5			4.6			4.8
8			1.4			5.3			5.1			4.9
9			1.9			5.5			5.6			4.9
10			3.8			5.5			5.8			4.9
11			3.2			5.0			6.1			4.9
12			3.4			4.6			6.3			4.9
13			4.2			5.3			6.4			4.8
14			4.1			6.3			6.4			4.7
15			4.0			6.3			6.5			4.7
16			3.2			6.3			6.4			4.7
17			4.0			5.9			6.3			4.6
18			4.5			5.8			6.3			4.6
19			4.1			5.6			6.4			4.6
20			4.5			5.1			6.2			4.5
21			4.5			4.7			5.7			4.5
22			4.4			4.5			5.6			4.4
23			3.8			4.5			5.6			3.1
24			2.2			6.2			5.8			1.2
25			3.8			6.2			5.7			1.2
26			4.1			5.7			5.7			1.3
27			4.0			4.4			5.6			2.8
28			3.6			5.7			5.7			7.1
29			2.1			5.0			5.7			5.0
30			2.9			4.8			5.7			4.5
31						3.9			5.7			
MONTH			3.1			4.9			5.6			4.4
YEAR	---	---	4.0									

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306058 WILLOW CREEK NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395014 LONGITUDE 1081437 DRAINAGE AREA 48.40 DATUM 6273.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	---	---	---	---	---	---	1240	1200	1220
2	---	---	---	---	---	---	---	---	---	1230	1190	1210
3	---	---	---	---	---	---	---	---	---	1260	1190	1220
4	---	---	---	---	---	---	---	---	---	1240	1210	1220
5	---	---	---	---	---	---	---	---	---	1240	1200	1220
6	---	---	---	---	---	---	---	---	---	1300	1220	1250
7	---	---	---	---	---	---	---	---	---	1260	1190	1240
8	---	---	---	---	---	---	---	---	---	1260	1210	1240
9	---	---	---	---	---	---	---	---	---	1270	1220	1240
10	---	---	---	1240	1210	1220	---	---	---	1250	1170	1210
11	---	---	---	1230	1210	1220	---	---	---	1340	1210	1270
12	---	---	---	1250	1210	1230	---	---	---	1240	1190	1220
13	---	---	---	1250	1220	1240	1240	1220	1230	1260	1070	1170
14	---	---	---	1250	1220	1240	1270	1190	1230	1170	1110	1140
15	---	---	---	1290	1210	1240	1240	1180	1210	1230	1160	1200
16	1300	1260	1280	---	---	---	1230	1160	1190	1250	1210	1220
17	1300	1260	1280	---	---	---	1220	1180	1200	1240	1200	1220
18	1290	1260	1270	---	---	---	---	---	---	1250	1200	1230
19	1290	1260	1270	---	---	---	---	---	---	1220	1210	1220
20	1290	1210	1260	---	---	---	1200	1190	1200	1240	1210	1220
21	1290	1270	1280	---	---	---	---	---	---	---	---	---
22	1320	1260	1290	---	---	---	---	---	---	1220	1200	1210
23	1310	1270	1290	1280	1210	1250	---	---	---	1300	1180	1240
24	1300	1270	1290	1280	1190	1230	1250	1200	1230	1340	1180	1230
25	1300	1260	1280	1250	1210	1230	1250	1200	1220	1230	1190	1210
26	1300	1270	1280	1240	1210	1230	1240	1200	1220	1240	1200	1230
27	1300	1260	1280	1260	1210	1230	1230	1190	1210	1300	1180	1240
28	1280	1260	1270	1300	1220	1260	1230	1190	1210	1230	1160	1190
29	1270	1200	1230	---	---	---	1260	1190	1230	1210	1150	1190
30	1290	1240	1270	---	---	---	1270	1200	1240	1300	1210	1250
31	---	---	---	---	---	---	1290	1190	1240	---	---	---
MONTH	1320	1200	1270	1300	1190	1240	1290	1160	1220	1340	1070	1220

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306058 WILLOW CREEK NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395014 LONGITUDE 1081437 DRAINAGE AREA 48.40 DATUM 6273.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	1280	1230	1260	1280	1220	1250
2	---	---	---	---	---	---	1270	1230	1250	1280	1200	1240
3	---	---	---	---	---	---	1290	1240	1270	1280	1200	1240
4	1160	1140	1150	---	---	---	1290	1220	1260	1270	1170	1230
5	1220	1160	1190	1210	1160	1180	1290	1210	1260	---	---	---
6	1230	1200	1220	1220	1150	1190	1280	1250	1260	---	---	---
7	1220	1200	1210	1190	1160	1180	1280	1250	1270	---	---	---
8	1320	1190	1250	1220	1190	1200	1300	1240	1270	---	---	---
9	1400	1210	1290	1220	1190	1210	1290	1220	1250	---	---	---
10	1360	1170	1260	1230	1160	1200	1270	1220	1250	---	---	---
11	1310	1160	1240	1230	1170	1200	1280	1240	1260	---	---	---
12	1280	1160	1230	1210	1180	1200	1290	1240	1260	---	---	---
13	1240	1200	1220	1260	1190	1220	1290	1230	1250	1250	1200	1220
14	1240	1190	1210	1230	1080	1180	1280	1200	1240	1270	1200	1230
15	1200	1050	1150	1220	1100	1170	1270	1200	1230	1280	1190	1210
16	1170	1030	1110	1230	1150	1190	1270	1200	1230	1220	1110	1190
17	1220	966	1130	1330	1190	1240	1270	1140	1220	1250	1140	1190
18	1170	596	895	1280	1180	1220	1270	1190	1230	1170	1100	1120
19	1040	704	890	1230	1170	1190	1270	1180	1230	1110	1090	1100
20	---	---	---	1230	1170	1200	1310	1210	1270	1190	1090	1110
21	---	---	---	1230	1120	1190	1310	1220	1270	1140	1110	1130
22	---	---	---	1220	1160	1190	1300	1230	1260	1180	1110	1130
23	---	---	---	1240	1190	1220	1310	1220	1270	1260	1140	1170
24	---	---	---	1240	1180	1220	1300	1240	1270	1310	1180	1210
25	---	---	---	1220	1160	1200	1300	1220	1260	1290	1180	1210
26	---	---	---	1230	1190	1220	1300	1200	1260	1260	1220	1240
27	---	---	---	1290	1210	1250	1300	1210	1250	1270	1220	1250
28	---	---	---	1260	1220	1240	1290	1210	1250	1320	1250	1270
29	---	---	---	1260	1210	1240	1290	1200	1240	1300	1260	1280
30	---	---	---	1280	1210	1250	1300	1200	1250	1360	1280	1310
31	---	---	---	1280	1220	1250	---	---	---	1350	1300	1330
MONTH	1400	596	1170	1330	1080	1210	1310	1140	1250	1360	1090	1210

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY   PROCESS DATE IS 07-08-81

STATION NUMBER   09306058 WILLOW CREEK NEAR RIO BLANCO, CO.   STREAM   SOURCE AGENCY USGS
LATITUDE 395014   LONGITUDE 1081437   DRAINAGE AREA   48.40   DATUM 6273.00   STATE 08   COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	1490	1330	1380	1380	1350	1360	1420	1290	1360	1350	1260	1320
2	1510	1300	1400	1410	1320	1370	1380	1270	1330	1370	1270	1320
3	1400	1330	1350	1480	1400	1430	1360	1280	1330	1370	1270	1320
4	1470	1340	1400	1520	1460	1490	1360	1270	1320	1380	1260	1320
5	1440	1390	1420	1540	1490	1520	1340	1240	1290	1370	1220	1300
6	1480	1380	1440	1550	1500	1520	1310	1230	1280	1350	1240	1280
7	1480	1390	1440	1530	1430	1480	1310	1210	1260	1330	1260	1290
8	1440	1390	1410	1440	1380	1410	1310	1210	1260	1340	1260	1290
9	1440	1340	1390	1430	1380	1410	---	---	---	1340	1280	1310
10	1320	1230	1270	1420	1380	1400	---	---	---	1350	1190	1300
11	1420	1230	1300	1440	1390	1410	---	---	---	1370	1270	1320
12	1370	1320	1340	---	---	---	---	---	---	1350	1260	1300
13	1370	1310	1320	---	---	---	---	---	---	1360	1240	1300
14	1380	1320	1340	---	---	---	---	---	---	1360	1250	1300
15	1390	1330	1340	---	---	---	---	---	---	1350	1230	1290
16	1410	1350	1380	1370	1350	1360	---	---	---	1300	1180	1240
17	1380	1330	1360	1370	1360	1360	---	---	---	1270	1120	1200
18	1380	1320	1350	1370	1350	1360	---	---	---	1250	1130	1190
19	1400	1350	1370	1380	1360	1370	---	---	---	1240	1140	1190
20	1390	1330	1360	1380	1360	1380	---	---	---	1230	1140	1190
21	1370	1340	1350	1400	1370	1390	1240	1210	1230	1260	1160	1210
22	1380	1330	1350	1400	1370	1390	1310	1200	1260	1280	1160	1220
23	1380	1340	1360	1390	1220	1360	1290	1170	1250	1320	1190	1260
24	1380	1370	1370	1370	1300	1330	1260	1200	1230	1350	1230	1310
25	1380	1330	1360	1340	1270	1310	1300	1230	1260	1400	1280	1350
26	1370	1330	1350	1360	1260	1310	1300	1200	1260	1430	1290	1370
27	1370	1320	1340	1400	1260	1330	1300	1210	1250	1420	1250	1340
28	1370	1300	1330	1330	1240	1280	1290	1190	1240	1260	1210	1240
29	1400	1330	1370	1380	1270	1310	1280	1190	1240	1320	1200	1260
30	1380	1330	1350	1370	1280	1330	1290	1200	1250	1300	1180	1240
31	---	---	---	1410	1310	1370	1290	1220	1250	---	---	---
MONTH	1510	1230	1360	1550	1220	1380	1420	1170	1270	1430	1120	1280
YEAR	1550	596	1260									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306058 WILLOW CREEK NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395014 LONGITUDE 1081437 DRAINAGE AREA 48.40 DATUM 6273.00 STATE 08 COUNTY 103

OXYGEN, DISSOLVED (DO), MG/L, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	---	---		---	---	---	---	---	---
2	---	---	---	---	---		---	---	---	---	---	---
3	---	---	---	---	---		---	---	---	---	---	---
4	---	---	---	---	---		---	---	---	11.2	10.8	---
5	---	---	---	---	---		---	---	---	11.5	10.8	11.2
6	---	---	---	---	---		---	---	---	11.5	11.2	11.3
7	---	---	---	---	---		---	---	---	11.4	11.1	11.3
8	---	---	---	---	---		---	---	---	11.4	10.8	11.1
9	---	---	---	---	---		---	---	---	11.2	10.5	10.9
10	---	---	---	10.2	8.8		---	---	---	11.2	10.2	10.6
11	---	---	---	10.2	9.0		---	---	---	11.2	10.7	11.0
12	---	---	---	10.4	9.0		---	---	---	10.9	10.3	10.6
13	---	---	---	10.4	9.4		---	---	---	10.6	9.5	10.1
14	---	---	---	10.7	9.3		---	---	---	10.4	10.0	10.1
15	---	---	---	10.6	9.3		---	---	---	10.4	9.8	10.1
16	---	---	---	---	---		---	---	---	10.7	10.1	10.4
17	---	---	---	---	---		---	---	---	10.7	9.8	10.3
18	---	---	---	---	---		---	---	---	10.5	9.8	10.2
19	---	---	---	---	---		---	---	---	10.8	10.3	10.5
20	---	---	---	---	---		11.2	10.5	10.7	10.7	9.6	10.4
21	---	---	---	---	---		---	---	---	---	---	---
22	---	---	---	---	---		---	---	---	10.4	9.6	10.0
23	---	---	---	10.1	9.7		---	---	---	10.5	9.6	10.2
24	9.9	8.2	---	10.0	9.4		---	---	---	10.3	9.2	9.8
25	10.1	8.1	9.0	10.1	9.3		---	---	---	---	---	---
26	9.9	8.2	---	9.9	9.1		---	---	---	---	---	---
27	10.2	8.3	---	9.9	9.2		---	---	---	---	---	---
28	10.3	8.5	---	10.1	9.5		---	---	---	---	---	---
29	10.2	8.8	---	---	---		---	---	---	---	---	---
30	10.4	9.1	---	---	---		---	---	---	11.8	11.3	---
31	---	---	---	---	---		---	---	---	---	---	---
MONTH	10.4	8.1	9.0	10.7	8.8		11.2	10.5	10.7	11.8	9.2	10.5

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306058 WILLOW CREEK NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395014 LONGITUDE 1081437 DRAINAGE AREA 48.40 DATUM 6273.00 STATE 08 COUNTY 103

OXYGEN, DISSOLVED (DO), MG/L, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	11.3	9.0	10.2	9.8	8.1	8.9
2	---	---	---	---	---	---	11.2	10.1	10.5	9.9	7.8	8.9
3	---	---	---	---	---	---	9.8	8.8	---	10.0	8.0	8.9
4	12.1	11.3	11.6	---	---	---	10.8	8.3	9.6	---	---	---
5	12.7	11.3	12.0	10.8	10.0	10.5	10.6	8.2	9.5	---	---	---
6	11.9	10.9	11.6	11.3	10.5	10.8	10.7	9.0	9.7	---	---	---
7	11.9	11.1	11.5	11.3	9.6	10.6	11.0	9.3	10.1	---	---	---
8	12.4	11.3	12.0	11.2	9.7	10.5	11.2	8.5	10.0	---	---	---
9	12.4	11.2	---	11.5	9.9	10.6	11.1	8.4	9.8	---	---	---
10	12.2	11.0	11.9	11.4	9.2	10.4	10.5	8.8	9.5	---	---	---
11	12.0	10.9	11.7	11.3	9.6	10.5	10.9	9.6	10.1	---	---	---
12	12.0	11.5	11.8	11.4	9.8	10.5	11.1	8.9	10.1	---	---	---
13	11.8	10.8	11.4	11.5	9.9	10.7	11.1	8.2	9.8	9.8	6.5	7.8
14	11.6	10.7	11.2	11.5	9.5	10.5	10.8	7.5	9.3	9.8	6.8	7.5
15	11.6	10.8	11.2	11.1	9.6	10.3	10.5	8.0	9.2	7.6	6.7	7.1
16	11.5	10.5	11.0	11.5	10.1	10.8	10.6	7.9	9.3	8.3	7.2	7.6
17	11.5	10.5	11.0	11.5	10.4	11.2	10.6	8.4	9.3	8.9	7.4	7.9
18	11.6	10.1	11.0	11.7	9.5	10.8	11.1	8.3	9.7	9.0	7.1	7.9
19	11.5	11.3	11.4	11.4	9.3	10.4	11.0	8.0	9.5	8.3	6.8	7.5
20	---	---	---	11.7	9.5	10.6	10.9	7.9	9.5	8.3	6.8	7.6
21	---	---	---	11.4	9.4	10.4	10.6	7.9	9.2	8.0	6.5	7.2
22	---	---	---	11.1	10.0	10.5	10.2	8.1	9.1	8.0	6.8	7.2
23	---	---	---	11.2	9.6	10.3	10.2	8.1	9.1	7.8	7.0	7.4
24	---	---	---	11.3	9.3	10.3	9.8	8.5	9.1	8.3	7.4	7.8
25	---	---	---	11.2	10.3	10.6	10.3	7.7	9.0	8.7	7.6	8.0
26	---	---	---	11.4	9.6	10.5	10.2	7.6	9.0	8.6	7.5	8.0
27	---	---	---	11.1	9.4	10.4	10.2	7.5	8.9	8.5	7.1	7.7
28	---	---	---	11.3	10.2	10.7	10.1	7.4	8.7	8.3	7.2	7.7
29	---	---	---	11.2	9.4	10.4	---	---	---	8.3	7.2	7.6
30	---	---	---	11.4	9.9	10.7	9.6	8.0	8.8	8.4	7.3	7.8
31	---	---	---	11.2	9.7	10.5	---	---	---	8.7	7.4	8.0
MONTH	12.7	10.1	11.5	11.7	9.2	10.6	11.3	7.4	9.5	10.0	6.5	7.8

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306058 WILLOW CREEK NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395014 LONGITUDE 1081437 DRAINAGE AREA 48.40 DATUM 6273.00 STATE 08 COUNTY 103

OXYGEN, DISSOLVED (DO), MG/L, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	8.7	7.0	7.7	7.9	5.9	6.7	---	---	---	10.3	8.1	9.2
2	7.8	6.7	7.1	---	---	---	---	---	---	9.6	7.6	8.6
3	7.6	6.7	7.1	---	---	---	---	---	---	8.9	7.9	8.3
4	7.8	6.6	7.2	---	---	---	---	---	---	10.3	8.0	9.1
5	8.6	6.5	7.4	---	---	---	---	---	---	11.1	8.6	9.8
6	8.8	6.3	7.4	---	---	---	---	---	---	10.7	8.3	9.4
7	8.7	6.4	7.3	---	---	---	---	---	---	10.1	8.3	9.1
8	8.9	6.0	7.3	---	---	---	---	---	---	10.2	8.3	9.1
9	8.7	5.5	7.0	---	---	---	---	---	---	9.8	8.5	9.0
10	7.0	5.7	6.4	---	---	---	---	---	---	9.8	8.2	8.8
11	7.0	6.1	6.5	---	---	---	---	---	---	9.9	8.0	8.9
12	8.0	7.2	7.5	---	---	---	---	---	---	9.7	8.1	8.8
13	8.1	7.0	7.6	---	---	---	---	---	---	9.4	7.7	8.5
14	8.0	7.4	---	---	---	---	---	---	---	9.3	7.6	8.5
15	8.2	7.4	---	---	---	---	---	---	---	11.1	8.0	9.3
16	8.1	7.0	7.5	---	---	---	---	---	---	11.7	8.4	10.1
17	8.0	7.0	7.5	---	---	---	---	---	---	9.4	7.0	7.9
18	8.0	7.0	7.4	---	---	---	---	---	---	9.9	7.2	8.3
19	8.0	7.3	7.6	---	---	---	---	---	---	10.1	7.5	8.4
20	7.8	6.9	7.4	---	---	---	---	---	---	9.9	7.5	8.5
21	7.8	7.1	7.4	---	---	---	---	---	---	10.4	7.9	9.0
22	7.7	7.0	7.3	---	---	---	12.4	10.0	11.2	10.7	8.3	9.3
23	7.8	7.0	7.5	---	---	---	12.2	10.0	10.9	10.8	8.1	9.6
24	8.0	7.5	7.7	---	---	---	11.9	10.1	10.9	10.5	7.8	9.4
25	7.8	6.9	7.3	---	---	---	11.9	10.2	10.9	10.8	8.3	9.7
26	7.8	6.8	7.3	---	---	---	12.1	9.5	10.8	10.7	7.9	9.4
27	7.8	6.7	7.3	---	---	---	11.8	9.5	10.6	10.3	7.8	9.1
28	8.0	6.6	7.3	---	---	---	11.3	9.2	10.3	9.5	8.5	8.9
29	8.0	6.7	7.4	---	---	---	11.2	9.2	10.1	10.2	8.2	9.2
30	8.0	6.1	7.0	---	---	---	10.9	9.0	9.9	10.2	8.1	9.1
31	---	---	---	---	---	---	10.7	8.9	9.7	---	---	---
MONTH	8.9	5.5	7.3	7.9	5.9	6.7	12.4	8.9	10.5	11.7	7.0	9.0
YEAR	12.7	5.5	9.4									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306058 WILLOW CREEK NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395014 LONGITUDE 1081437 DRAINAGE AREA 48.40 DATUM 6273.00 STATE 08 COUNTY 103

PH (STANDARD UNITS), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	---	---	---						
2	---	---	---	---	---	---						
3	---	---	---	---	---	---						
4	---	---	---	---	---	---						
5	---	---	---	---	---	---						
6	---	---	---	---	---	---						
7	---	---	---	---	---	---						
8	---	---	---	---	---	---						
9	---	---	---	---	---	---						
10	---	---	---	8.4	8.3	8.4						
11	---	---	---	8.3	8.1	8.2						
12	---	---	---	8.4	8.1	8.2						
13	---	---	---	8.3	8.2	8.3						
14	---	---	---	8.4	8.3	8.3						
15	---	---	---	8.4	8.2	8.3						
16	---	---	---	---	---	---						
17	---	---	---	---	---	---						
18	8.2	8.0	8.1	---	---	---						
19	8.1	7.9	8.0	---	---	---						
20	8.1	8.0	8.0	---	---	---						
21	8.1	8.0	8.0	---	---	---						
22	8.1	8.0	8.0	---	---	---						
23	8.1	7.9	8.0	8.5	8.4	8.5						
24	8.3	8.0	8.2	8.4	8.3	8.4						
25	8.4	8.2	8.3	8.3	8.2	8.3						
26	8.4	8.2	8.3	8.3	8.2	8.2						
27	8.4	8.2	8.3	8.3	8.2	8.3						
28	8.4	8.2	8.3	8.3	8.2	8.3						
29	8.4	8.2	8.4	---	---	---						
30	8.4	8.2	8.3	---	---	---						
31	---	---	---	---	---	---						
MONTH	8.4	7.9	8.2	8.5	8.1	8.3						

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306058 WILLOW CREEK NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395014 LONGITUDE 1081437 DRAINAGE AREA 48.40 DATUM 6273.00 STATE 08 COUNTY 103

PH (STANDARD UNITS), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1				---	---	---	8.3	8.1	8.2	8.3	8.2	8.2
2				---	---	---	8.3	8.1	8.2	8.2	8.1	8.2
3				---	---	---	8.3	8.1	8.2	8.2	8.1	8.2
4				---	---	---	8.4	8.2	8.3	8.2	8.1	8.2
5				8.5	8.4	8.4	8.4	8.2	8.3	---	---	---
6				8.6	8.4	8.5	8.4	8.2	8.3	---	---	---
7				8.6	8.5	8.5	8.3	8.2	8.2	---	---	---
8				8.7	8.5	8.6	8.3	8.2	8.2	---	---	---
9				8.7	8.5	8.6	8.4	8.2	8.3	---	---	---
10				8.7	8.6	8.6	8.4	8.3	8.3	---	---	---
11				8.8	8.6	8.7	8.4	8.3	8.4	---	---	---
12				8.7	8.6	8.7	8.5	8.4	8.4	---	---	---
13				8.7	8.6	8.6	8.5	8.4	8.4	8.2	8.0	8.1
14				8.6	8.5	8.5	8.5	8.4	8.4	8.0	7.9	8.0
15				8.6	8.4	8.5	8.5	8.4	8.5	8.0	7.9	7.9
16				8.5	8.3	8.4	8.6	8.4	8.5	8.0	7.9	7.9
17				8.3	8.2	8.2	8.4	8.3	8.3	7.9	7.8	7.9
18				8.3	8.2	8.3	8.4	8.3	8.4	7.9	7.8	7.8
19				8.4	8.2	8.3	8.4	8.3	8.3	7.8	7.7	7.7
20				8.3	8.2	8.3	8.4	8.3	8.3	7.8	7.6	7.7
21				8.4	8.2	8.3	8.4	8.3	8.3	7.7	7.6	7.6
22				8.4	8.2	8.3	8.3	8.3	8.3	7.7	7.6	7.6
23				8.4	8.2	8.3	8.3	8.2	8.3	7.7	7.6	7.6
24				8.4	8.2	8.3	8.3	8.3	8.3	7.8	7.6	7.7
25				8.4	8.2	8.3	8.4	8.2	8.3	7.8	7.6	7.7
26				8.3	8.2	8.2	8.3	8.2	8.3	7.8	7.6	7.7
27				8.3	8.2	8.2	8.3	8.2	8.3	7.7	7.6	7.7
28				8.4	8.2	8.3	8.3	8.2	8.3	7.7	7.5	7.6
29				8.3	8.2	8.3	8.3	8.2	8.2	7.7	7.5	7.6
30				8.4	8.2	8.2	8.4	8.2	8.3	7.7	7.5	7.6
31				8.3	8.2	8.2	---	---	---	7.7	7.6	7.7
MONTH				8.8	8.2	8.4	8.6	8.1	8.3	8.3	7.5	7.8

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306058 WILLOW CREEK NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395014 LONGITUDE 1081437 DRAINAGE AREA 48.40 DATUM 6273.00 STATE 08 COUNTY 103

PH (STANDARD UNITS), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	7.7	7.5	7.6	7.9	7.7	7.8	8.4	8.3	8.3	8.2	8.1	8.2
2	7.7	7.5	7.6	7.8	7.7	7.8	8.4	8.3	8.3	8.2	8.1	8.2
3	7.7	7.5	7.6	7.9	7.7	7.8	8.4	8.3	8.3	8.2	8.1	8.1
4	7.7	7.4	7.6	7.8	7.7	7.7	8.4	8.3	8.3	8.2	8.1	8.1
5	7.6	7.5	7.5	7.8	7.6	7.7	8.4	8.3	8.3	8.2	8.1	8.1
6	7.7	7.4	7.6	7.7	7.6	7.7	8.4	8.3	8.3	8.2	8.0	8.1
7	7.6	7.5	7.6	7.8	7.6	7.7	8.4	8.3	8.3	8.1	8.0	8.1
8	7.7	7.5	7.6	7.8	7.7	7.7	8.4	8.3	8.3	8.2	8.0	8.1
9	7.6	7.5	7.6	7.8	7.7	7.8	8.4	8.3	8.3	8.1	8.0	8.1
10	7.7	7.5	7.7	7.9	7.7	7.8	8.4	8.3	8.3	8.1	8.0	8.1
11	7.9	7.7	7.9	7.8	7.7	7.8	8.4	8.3	8.3	8.2	8.0	8.1
12	7.9	7.7	7.8	---	---	---	8.4	8.3	8.3	8.1	8.0	8.1
13	7.9	7.8	7.8	---	---	---	8.3	8.2	8.3	8.1	8.0	8.0
14	8.0	7.9	7.9	---	---	---	8.3	8.2	8.3	8.1	8.0	8.1
15	7.9	7.8	7.9	---	---	---	8.3	8.2	8.3	8.1	8.0	8.0
16	7.8	7.7	7.8	7.8	7.7	7.8	8.3	8.2	8.3	8.2	8.1	8.1
17	7.9	7.7	7.8	7.8	7.7	7.7	8.3	8.2	8.3	8.3	8.2	8.2
18	7.9	7.8	7.8	8.0	7.7	7.9	8.3	8.2	8.3	8.3	8.2	8.2
19	7.8	7.7	7.8	8.0	7.9	7.9	8.3	8.2	8.3	8.3	8.2	8.3
20	7.9	7.7	7.8	8.0	7.9	7.9	8.3	8.2	8.3	8.3	8.2	8.3
21	7.8	7.7	7.8	8.0	7.9	7.9	8.4	8.3	8.3	8.4	8.3	8.3
22	7.8	7.7	7.8	8.3	7.9	8.0	8.3	8.2	8.3	8.4	8.3	8.3
23	7.8	7.7	7.8	8.2	8.1	8.1	8.3	8.2	8.3	8.4	8.2	8.3
24	7.8	7.8	7.8	8.3	8.1	8.2	8.3	8.2	8.3	8.4	8.2	8.3
25	7.9	7.8	7.8	8.4	8.3	8.3	8.3	8.2	8.3	8.4	8.3	8.4
26	7.9	7.8	7.8	8.4	8.3	8.3	8.3	8.2	8.2	8.5	8.3	8.4
27	7.9	7.8	7.8	8.4	8.2	8.3	8.3	8.2	8.2	8.5	8.3	8.4
28	7.9	7.8	7.8	8.4	8.3	8.3	8.3	8.2	8.2	8.6	8.4	8.5
29	7.9	7.8	7.8	8.4	8.3	8.3	8.3	8.2	8.2	8.6	8.4	8.5
30	7.9	7.7	7.8	8.4	8.3	8.3	8.2	8.1	8.2	8.6	8.4	8.5
31	---	---	---	8.4	8.3	8.3	8.3	8.1	8.2	---	---	---
MONTH	8.0	7.4	7.7	8.4	7.6	8.0	8.4	8.1	8.3	8.6	8.0	8.2
YEAR	8.8	7.4	8.1									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY   PROCESS DATE IS 07-08-81

STATION NUMBER   09306058 WILLOW CREEK NEAR RIO BLANCO, CO.   STREAM   SOURCE AGENCY USGS
LATITUDE 395014   LONGITUDE 1081437   DRAINAGE AREA   48.40   DATUM 6273.00   STATE 08   COUNTY 103

SEDIMENT, SUSPENDED CONCENTRATION (MG/L), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1			35			90			---			286
2			70			713			---			240
3			113			---			195			224
4			185			---			180			196
5			190			---			188			231
6			205			---			263			196
7			233			---			229			182
8			176			---			210			154
9			340			---			177			224
10			400			---			173			301
11			625			---			105			154
12			125			---			---			322
13			---			---			---			336
14			---			203			---			322
15			---			101			---			252
16			---			278			---			254
17			---			330			---			224
18			---			203			---			231
19			105			128			---			231
20			105			158			582			132
21			68			113			169			120
22			120			---			291			230
23			274			---			222			---
24			128			---			220			---
25			60			---			275			---
26			60			---			231			---
27			75			---			253			---
28			101			75			264			---
29			98			210			204			---
30			79			45			192			231
31			---						204			---
MONTH			165			204			230			229

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306058 WILLOW CREEK NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395014 LONGITUDE 1081437 DRAINAGE AREA 48.40 DATUM 6273.00 STATE 08 COUNTY 103

SEDIMENT, SUSPENDED CONCENTRATION (MG/L), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1			---			276			187			260
2			---			288			140			230
3			---			---			175			220
4			203			---			175			130
5			250			168			190			---
6			230			324			160			---
7			190			288			120			---
8			160			264			170			---
9			---			228			170			---
10			---			252			240			---
11			---			228			---			---
12			250			156			---			---
13			---			288			---			---
14			---			300			---			---
15			---			276			---			320
16			---			228			---			340
17			---			324			160			220
18			---			408			210			250
19			480			396			175			300
20			444			294			130			310
21			---			---			130			240
22			---			---			110			330
23			---			---			85			390
24			---			---			155			230
25			270			216			180			200
26			180			216			220			190
27			276			312			190			280
28			262			288			190			250
29			288			264			230			270
30						216			310			220
31						242						155
MONTH			268			270			175			254

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306058 WILLOW CREEK NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395014 LONGITUDE 1081437 DRAINAGE AREA 48.40 DATUM 6273.00 STATE 08 COUNTY 103

SEDIMENT, SUSPENDED CONCENTRATION (MG/L), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1			95			165			115			205
2			278			158			108			100
3			150			98			81			81
4			140			83			95			65
5			66			83			---			110
6			78			75			---			68
7			133			83			---			65
8			128			428			---			95
9			204			278			---			70
10			758			225			---			80
11			480			147			---			68
12			383			158			---			70
13			465			203			---			52
14			435			540			---			40
15			375			570			---			31
16			240			525			---			35
17			345			210			---			40
18			555			300			75			55
19			705			---			95			55
20			540			---			80			55
21			390			---			70			50
22			315			225			75			65
23			360			158			115			40
24			105			540			80			28
25			315			300			95			20
26			285			---			92			50
27			165			---			115			180
28			135			---			170			190
29			53			170			115			---
30			122			140			105			---
31						111			96			
MONTH			293			239			99			74
YEAR	---	---	208									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY   PROCESS DATE IS 07-08-81

STATION NUMBER   09306058   WILLOW CREEK NEAR RIO BLANCO, CO.   STREAM   SOURCE AGENCY USGS
LATITUDE 395014   LONGITUDE 1081437   DRAINAGE AREA   48.40   DATUM 6273.00   STATE 08   COUNTY 103

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1			.21			1.1			.50			2.6
2			.98			10			1.0			2.2
3			1.4			10			2.3			2.1
4			2.3			10			2.1			1.7
5			2.4			10			2.3			1.9
6			2.7			5.0			3.2			1.4
7			2.9			5.0			2.7			1.6
8			2.2			5.0			2.5			1.2
9			4.0			5.0			2.1			1.8
10			4.8			5.0			2.1			2.4
11			6.9			5.0			1.2			1.3
12			1.3			3.0			.50			2.8
13			1.0			2.0			.50			3.3
14			1.0			2.4			.50			3.4
15			1.0			1.2			1.0			2.5
16			1.0			3.3			1.0			2.5
17			1.0			3.8			1.0			2.0
18			1.0			2.5			1.0			2.1
19			1.2			1.6			1.0			2.0
20			1.2			2.0			5.2			1.2
21			.80			1.4			1.5			1.0
22			1.3			1.0			2.8			2.0
23			2.9			1.0			2.0			2.0
24			1.4			1.0			2.0			2.0
25			.60			1.0			2.5			2.0
26			.63			1.0			2.2			2.1
27			.79			1.0			2.3			2.1
28			1.2			.84			2.4			2.1
29			1.4			2.1			1.9			2.1
30			1.2			.35			1.8			2.1
31			1.0						1.9			2.0
MONTH			1.7			3.5			1.8			2.1

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306058 WILLOW CREEK NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395014 LONGITUDE 1081437 DRAINAGE AREA 48.40 DATUM 6273.00 STATE 08 COUNTY 103

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1			2.0			3.2			2.1			2.1
2			1.9			3.3			1.5			1.8
3			1.9			3.0			1.9			1.7
4			1.8			2.0			1.9			.42
5			2.2			2.0			2.1			.50
6			2.0			3.8			1.8			.50
7			1.7			3.3			1.3			.50
8			1.3			3.1			1.8			.50
9			1.0			2.6			1.8			.50
10			1.0			2.9			2.5			1.0
11			2.0			2.7			2.5			1.0
12			2.1			1.9			2.5			1.0
13			2.0			3.4			2.0			1.0
14			2.0			3.6			2.0			2.0
15			2.0			3.4			2.0			2.1
16			2.0			2.8			2.0			2.1
17			2.0			3.7			1.6			1.1
18			4.0			4.8			2.2			1.6
19			7.8			4.6			1.7			2.8
20			6.4			3.4			.98			2.9
21			4.0			3.2			1.0			2.5
22			4.0			3.0			.89			3.7
23			4.0			2.9			.67			3.9
24			4.0			2.7			1.3			1.7
25			3.2			2.5			1.5			1.7
26			2.1			2.4			1.9			1.5
27			3.4			3.5			1.7			2.4
28			3.2			3.2			1.7			2.5
29			3.4			3.0			1.9			2.9
30						2.4			3.0			2.2
31						2.7						.67
MONTH			2.8			3.1			1.8			1.7

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY   PROCESS DATE IS 07-08-81

STATION NUMBER   09306058 WILLOW CREEK NEAR RIO BLANCO, CO.   STREAM   SOURCE AGENCY USGS
LATITUDE 395014   LONGITUDE 1081437   DRAINAGE AREA   48.40   DATUM 6273.00   STATE 08   COUNTY 103

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1			.36			1.6			1.3			2.9
2			1.5			1.5			1.3			1.4
3			.89			.69			.94			1.0
4			.60			.63			.01			.84
5			.20			.67			.50			1.5
6			.27			.65			.50			.88
7			.50			.78			.50			.84
8			.48			6.1			.50			1.3
9			1.1			4.1			.50			.93
10			8.0			3.3			.50			1.1
11			4.5			2.0			1.0			.90
12			3.5			2.0			1.0			.93
13			5.3			2.9			1.0			.67
14			4.8			9.2			1.0			.51
15			4.1			9.7			1.0			.39
16			2.1			8.9			1.0			.44
17			3.7			3.3			1.0			.50
18			6.7			4.7			1.3			.68
19			7.8			4.0			1.6			.68
20			6.6			4.0			1.3			.67
21			4.7			3.0			1.1			.61
22			3.7			2.7			1.1			.77
23			3.7			1.9			1.7			.33
24			.62			9.0			1.3			.09
25			3.2			5.0			1.5			.06
26			3.2			4.0			1.4			.18
27			1.8			3.0			1.7			1.4
28			1.3			3.0			2.6			3.6
29			.30			2.3			1.8			2.5
30			.96			1.8			1.6			2.5
31						1.2			1.5			
MONTH			2.9			3.5			1.1			1.0
YEAR	---	---	2.2									

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306061 PICEANCE CREEK AB HUNTER C, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395102 LONGITUDE 1081530 DRAINAGE AREA 309.00 DATUM 6214.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	16.5	8.0	11.0	---	---	---	.5	.0	---	---	---	---
2	15.5	8.0	11.5	---	---	---	.5	.0	.5	---	---	---
3	15.0	7.5	11.0	6.5	1.5	3.5	2.0	.5	---	---	---	---
4	15.0	6.5	10.5	7.0	2.5	4.5	---	---	---	5.0	2.5	4.0
5	15.5	7.0	11.0	7.5	2.0	4.5	---	---	---	4.5	1.0	2.5
6	15.5	7.0	11.0	7.5	2.0	4.5	5.0	.5	2.5	3.5	.5	2.0
7	15.5	7.5	11.0	7.0	4.5	5.5	5.5	1.5	3.5	3.5	.5	1.5
8	15.0	7.5	11.0	6.5	4.0	5.0	---	---	---	4.0	1.0	2.5
9	14.0	7.0	10.5	6.5	3.5	5.0	---	---	---	4.0	.0	---
10	14.5	6.5	10.5	6.5	2.0	4.5	---	---	---	5.5	.5	3.5
11	14.5	7.0	10.5	5.5	2.5	3.5	---	---	---	1.0	.0	.5
12	14.0	7.0	10.5	5.5	.5	3.0	.5	.5	.5	4.5	.0	3.0
13	14.0	7.0	10.5	5.5	.5	3.0	1.0	.5	.5	7.0	3.0	5.0
14	11.5	8.0	10.0	5.5	.5	3.0	.5	.0	.5	5.0	3.5	4.5
15	14.0	7.5	10.5	5.5	.5	2.5	1.0	.5	.5	6.5	4.0	5.0
16	13.5	8.5	11.0	5.5	.5	2.5	2.0	.5	1.0	6.0	3.5	4.5
17	12.5	6.5	9.5	5.5	.5	3.0	3.0	.5	1.5	7.0	3.0	4.5
18	13.5	8.5	11.0	---	---	---	3.5	.5	1.5	5.5	3.5	4.5
19	13.0	9.5	11.0	3.5	.5	2.5	3.0	.5	1.5	3.0	1.0	2.0
20	10.0	5.5	8.0	4.0	.0	2.0	4.0	.5	2.0	4.5	.5	2.0
21	9.0	6.0	7.0	3.5	.0	---	---	---	---	4.0	.0	1.5
22	10.5	4.0	6.5	1.0	.0	---	---	---	---	4.5	.0	2.0
23	11.0	4.5	7.5	1.5	.0	---	---	---	---	3.0	.0	1.5
24	10.0	5.0	7.5	3.5	.5	2.0	---	---	---	5.0	.0	2.0
25	11.0	4.0	7.5	4.0	1.5	3.0	---	---	---	5.5	1.0	3.0
26	10.5	5.0	7.5	3.5	1.5	2.5	---	---	---	3.0	.0	1.5
27	10.0	4.0	7.0	1.5	.0	---	---	---	---	3.0	.0	1.0
28	8.5	2.5	5.5	.0	.0	---	---	---	---	1.0	.0	.5
29	6.0	3.0	3.5	.0	.0	---	---	---	---	5.0	.0	2.5
30	6.5	1.5	3.5	.0	.0	---	---	---	---	3.5	.0	1.5
31	---	---	---	---	---	---	---	---	---	.5	.0	.5
MONTH	16.5	1.5	9.0	7.5	.0	3.5	5.5	.0	1.5	7.0	.0	2.5

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306061 PICEANCE CREEK AB HUNTER C, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395102 LONGITUDE 1081530 DRAINAGE AREA 309.00 DATUM 6214.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	2.5	.0	1.0	10.5	3.0	6.0	13.0	2.5	7.0	11.0	7.5	9.5
2	4.5	.0	2.5	6.5	1.0	3.5	7.0	3.0	5.0	12.5	6.5	9.5
3	6.5	2.5	4.5	6.5	3.0	4.5	12.0	2.0	6.5	11.5	6.5	9.5
4	7.0	2.5	4.5	8.5	3.0	5.5	15.0	4.0	9.0	12.0	7.0	10.0
5	5.0	.0	2.5	9.0	2.5	5.5	13.5	4.5	8.5	12.5	7.5	10.0
6	5.0	1.5	3.0	5.0	3.0	4.0	10.0	4.5	7.0	11.5	7.5	9.5
7	5.0	1.5	3.5	9.0	2.0	5.0	9.0	3.0	5.5	9.5	8.0	9.0
8	2.0	.0	1.0	9.0	2.0	5.5	13.5	.5	6.5	---	---	---
9	.5	.0	.5	8.0	1.5	5.0	14.5	2.5	8.0	---	---	---
10	.5	.0	.5	11.0	1.5	6.0	11.0	5.5	8.0	---	---	---
11	1.0	.0	.5	8.0	1.0	4.5	8.5	3.5	6.0	---	---	---
12	3.5	.0	1.5	8.5	2.0	4.5	12.5	1.5	6.5	---	---	---
13	6.5	1.0	3.5	10.0	.0	4.5	14.0	1.5	7.5	---	---	---
14	6.5	3.5	5.0	11.5	1.0	6.0	16.0	2.5	9.0	10.5	7.5	9.5
15	7.5	4.5	5.5	10.5	3.0	6.5	13.5	4.0	9.0	11.5	6.0	9.0
16	---	---	---	8.5	2.0	4.5	15.0	3.5	9.0	10.5	6.5	9.0
17	---	---	---	8.5	.5	3.5	15.0	3.5	9.0	10.5	6.5	8.5
18	---	---	---	11.0	.0	5.0	13.5	3.5	8.5	13.5	5.5	9.5
19	---	---	---	12.5	3.0	7.0	---	---	---	15.0	7.0	11.0
20	5.5	4.5	5.0	12.5	2.5	7.0	---	---	---	13.5	7.5	9.5
21	6.5	3.5	5.0	13.0	2.5	7.5	---	---	---	---	---	---
22	7.5	3.0	5.0	7.5	4.5	5.5	11.0	9.0	10.0	---	---	---
23	6.0	1.5	4.0	10.0	3.5	6.5	11.5	6.5	9.5	---	---	---
24	8.0	.5	4.0	12.0	3.5	7.5	10.5	8.0	9.0	---	---	---
25	7.5	.5	---	6.5	3.0	4.0	---	---	---	---	---	---
26	8.5	3.0	---	11.5	1.5	5.5	13.5	7.0	11.0	---	---	---
27	10.0	1.0	5.0	11.0	.0	5.5	14.0	5.0	9.5	---	---	---
28	9.0	1.5	5.0	8.0	3.0	5.5	12.0	6.0	9.0	---	---	---
29	6.5	3.5	5.0	10.5	3.0	6.0	12.5	7.0	10.0	13.0	9.5	11.5
30	---	---	---	8.0	2.5	4.5	10.5	7.0	9.0	15.5	7.0	11.0
31	---	---	---	9.5	2.0	5.0	---	---	---	14.5	6.5	10.5
MONTH	10.0	.0	3.5	13.0	.0	5.5	16.0	.5	8.0	15.5	5.5	10.0

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY   PROCESS DATE IS 07-08-81

STATION NUMBER   09306061 PICEANCE CREEK AB HUNTER C, NEAR RIO BLANCO, CO.   STREAM   SOURCE AGENCY USGS
LATITUDE 395102   LONGITUDE 1081530   DRAINAGE AREA   309.00   DATUM 6214.00   STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	12.5	7.0	10.0	20.0	11.5	14.0	18.0	12.0	15.0	17.5	7.0	12.0
2	16.0	6.5	11.0	18.5	12.0	13.5	20.5	11.5	15.5	18.5	8.0	13.0
3	17.5	7.5	12.0	21.0	11.0	15.0	18.5	10.5	14.0	19.0	8.5	13.5
4	18.5	7.5	12.5	21.5	10.0	14.5	19.5	9.5	14.0	19.5	8.5	13.5
5	18.5	8.0	13.0	21.5	9.5	14.5	20.0	9.5	14.5	19.0	8.5	13.5
6	18.5	8.0	12.5	22.0	9.5	16.0	20.5	10.5	15.0	18.0	10.5	14.0
7	---	---	---	17.5	10.5	15.5	21.0	10.5	15.5	16.0	11.5	14.0
8	---	---	---	20.5	11.5	15.5	20.5	10.5	15.5	15.5	11.0	13.0
9	20.0	8.0	---	21.0	11.0	15.5	20.0	12.0	16.0	13.5	11.0	12.0
10	20.0	8.5	13.5	20.5	12.0	15.5	20.5	11.0	15.5	14.5	11.5	13.0
11	20.0	9.5	14.0	21.5	12.0	15.5	20.5	9.0	14.5	16.5	9.0	12.5
12	19.5	8.5	13.0	18.0	11.5	14.5	18.5	9.5	14.0	15.5	9.5	12.5
13	19.5	8.0	13.0	18.5	12.5	14.5	17.5	11.0	14.0	18.5	9.0	13.0
14	18.5	8.0	---	21.0	11.5	15.5	18.5	11.5	15.0	16.5	8.0	12.0
15	18.5	8.5	---	21.0	11.0	15.0	19.5	13.0	15.5	17.5	7.5	12.5
16	20.0	8.0	13.0	21.5	13.0	15.0	16.0	10.5	13.5	18.0	10.0	13.0
17	20.0	9.0	14.5	22.0	11.0	15.0	18.5	9.0	13.5	17.5	7.0	12.0
18	20.5	9.0	14.5	21.0	11.0	15.0	19.5	9.5	14.0	17.5	7.5	12.0
19	20.5	10.0	13.0	20.5	12.0	15.0	17.5	9.0	13.0	17.0	9.0	13.0
20	18.5	9.0	13.0	21.0	11.0	15.0	19.0	8.5	13.0	17.5	9.5	13.0
21	20.0	9.0	14.0	21.0	10.5	15.0	19.0	8.0	13.5	14.5	7.0	10.5
22	20.5	9.0	14.0	20.0	10.5	14.5	18.5	8.5	13.5	15.0	5.5	10.0
23	18.5	9.0	15.5	19.0	11.5	14.0	18.0	11.0	14.5	15.0	5.0	9.5
24	---	---	---	18.5	11.5	14.5	17.5	12.0	14.5	14.0	5.5	---
25	---	---	---	18.5	11.0	14.5	16.5	11.0	14.0	---	---	---
26	22.0	9.5	16.5	19.5	11.0	15.0	19.5	9.5	14.0	---	---	---
27	21.5	10.0	15.0	20.5	11.0	15.5	19.0	9.5	14.0	---	---	---
28	21.5	8.5	14.0	20.5	11.5	15.5	19.5	10.0	14.0	15.0	7.0	10.5
29	21.0	9.0	14.0	18.5	11.0	14.5	16.5	10.0	13.0	13.0	6.5	---
30	21.0	11.5	15.0	18.5	12.0	15.0	16.0	8.5	11.5	---	---	---
31	---	---	---	20.5	11.0	15.5	13.5	8.0	11.0	---	---	---
MONTH	22.0	6.5	13.5	22.0	9.5	15.0	21.0	8.0	14.0	19.5	5.0	12.5
YEAR	22.0	.0	8.5									

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306061 PICEANCE CREEK AB HUNTER C, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395102 LONGITUDE 1081530 . DRAINAGE AREA 309.00 DATUM 6214.00 STATE 08 COUNTY 103

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1			12			23			17			18
2			15			21			17			18
3			15			21			18			18
4			18			20			19			17
5			18			20			20			17
6			17			20			20			17
7			16			20			20			17
8			15			20			20			18
9			14			21			20			18
10			14			20			20			18
11			16			20			20			18
12			15			19			20			17
13			12			19			21			19
14			11			21			21			23
15			11			23			21			20
16			11			23			20			19
17			13			23			20			18
18			15			24			20			17
19			15			24			20			16
20			20			23			21			15
21			21			23			21			16
22			21			22			20			16
23			23			21			20			16
24			31			20			20			16
25			35			20			20			16
26			35			19			20			16
27			34			19			19			16
28			33			18			19			16
29			33			17			19			15
30			32			17			19			15
31			30						19			15
MONTH			20			21			20			17

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306061 PICEANCE CREEK AB HUNTER C, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395102 LONGITUDE 1081530 DRAINAGE AREA 309.00 DATUM 6214.00 STATE 08 COUNTY 103

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1			15			23			19			70
2			15			22			20			64
3			15			23			20			67
4			15			25			20			72
5			15			22			20			70
6			15			22			20			69
7			15			21			20			77
8			15			21			19			87
9			15			20			21			89
10			15			20			22			87
11			15			20			22			80
12			16			20			23			115
13			17			20			23			133
14			18			20			23			110
15			20			22			25			101
16			22			23			27			97
17			21			21			37			103
18			29			21			46			100
19			35			20			64			90
20			28			22			71			78
21			25			22			80			72
22			24			24			73			71
23			23			22			57			68
24			22			22			50			67
25			22			22			46			66
26			22			22			45			64
27			23			20			46			59
28			24			20			47			54
29			25			20			50			45
30						20			66			39
31						20						37
MONTH			20			21			37			77

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306061 PICEANCE CREEK AB HUNTER C, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395102 LONGITUDE 1081530 DRAINAGE AREA 309.00 DATUM 6214.00 STATE 08 COUNTY 103

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1			34			9.4			24			23
2			32			12			26			22
3			28			11			26			22
4			27			8.7			26			23
5			25			9.0			26			23
6			21			8.5			29			23
7			14			9.3			29			25
8			12			11			27			25
9			12			11			25			25
10			16			12			25			25
11			17			9.9			25			23
12			14			11			26			22
13			14			11			27			22
14			14			12			27			21
15			15			13			27			20
16			14			10			26			20
17			14			9.9			25			19
18			11			9.4			26			17
19			10			11			25			16
20			10			11			25			17
21			10			11			24			21
22			15			11			29			20
23			11			11			27			17
24			8.6			16			29			8.8
25			8.5			20			29			6.8
26			8.9			20			28			5.5
27			11			18			28			4.6
28			10			19			28			5.8
29			9.9			18			28			7.1
30			9.6			20			28			6.7
31						23			24			
MONTH			15			13			27			18
YEAR	---	---	26									

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306061 PICEANCE CREEK AB HUNTER C, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395102 LONGITUDE 1081530 DRAINAGE AREA 309.00 DATUM 6214.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	1550	1510	1520	---	---	---	1350	1270	1310	---	---	---
2	1710	1560	1580	---	---	---	1300	1210	1260	---	---	---
3	1830	1600	1640	1270	1250	1260	1270	1230	1250	---	---	---
4	1630	1580	1610	1270	1250	1260	---	---	---	1290	1270	1280
5	1590	1550	1570	1270	1260	1260	1290	1270	1280	1300	1270	1280
6	1590	1550	1570	1280	1250	1270	1290	1270	1280	1290	1270	1280
7	1580	1550	1560	1280	1260	1270	1290	1250	1270	1320	1250	1290
8	1570	1540	1560	1280	1260	1270	---	---	---	1290	1200	1270
9	1570	1550	1560	1280	1260	1270	---	---	---	1270	1200	1240
10	1560	1530	1550	1270	1260	1270	---	---	---	1250	1200	1240
11	1540	1470	1510	1270	1250	1260	---	---	---	1350	1210	1280
12	1530	1490	1500	1270	1250	1260	1430	1300	1360	1270	1200	1240
13	1560	1520	1530	1280	1250	1260	1380	1300	1330	1260	1180	1220
14	1570	1550	1560	1270	1250	1260	1350	1270	1310	1210	1140	1180
15	1570	1540	1560	1280	1250	1260	1320	1240	1280	1240	1170	1210
16	1570	1530	1550	1280	1250	1260	1310	1250	1280	1260	1240	1250
17	1570	1540	1560	1280	1250	1260	1320	1250	1290	1270	1240	1250
18	1570	1510	1550	---	---	---	1320	1270	1300	1260	1240	1250
19	1540	1490	1520	1240	1210	1230	1350	1260	1300	1280	1240	1260
20	1570	1480	1510	1240	1190	1220	1320	1240	1290	1280	1260	1270
21	1530	1490	1510	1260	1240	1250	---	---	---	1300	1230	1270
22	1510	1450	1490	1320	1220	1270	---	---	---	1270	1240	1260
23	1450	1430	1490	1320	1210	1270	---	---	---	1330	1210	1280
24	1440	1310	1360	1270	1240	1250	---	---	---	1310	1220	1260
25	1310	1290	1300	1260	1230	1250	---	---	---	1270	1250	1260
26	1300	1280	1290	1260	1220	1240	---	---	---	1260	1240	1250
27	1300	1280	1290	1290	1220	1250	---	---	---	1320	1210	1260
28	1300	1280	1290	1350	1230	1300	---	---	---	1240	1200	1220
29	1300	1200	1250	1380	1280	1330	---	---	---	1230	1200	1220
30	1270	1230	1250	1360	1310	1330	---	---	---	1290	1230	1250
31	---	---	---	---	---	---	---	---	---	1400	1220	1310
MONTH	1830	1200	1490	1380	1190	1260	1430	1210	1290	1400	1140	1250

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306061 PICEANCE CREEK AB HUNTER C, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395102 LONGITUDE 1081530 DRAINAGE AREA 309.00 DATUM 6214.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	1310	1180	1250	1260	1220	1240	1170	976	1070	790	764	778
2	1250	1210	1240	1270	1230	1260	1190	11100	1160	794	758	775
3	1250	1230	1240	1270	1210	1250	1210	1170	1190	772	738	756
4	1250	1230	1240	1250	1210	1230	1170	1090	1140	766	734	747
5	1290	1220	1250	1250	1220	1240	1140	1080	1110	748	712	733
6	1250	1230	1240	1250	1210	1230	1100	1060	1080	736	698	722
7	1240	1220	1230	1230	1210	1220	1100	1050	1070	698	674	685
8	1340	1210	1270	1250	1220	1240	1140	1050	1090	---	---	---
9	1390	1220	1320	1260	1240	1250	1110	1080	1140	---	---	---
10	1370	1190	1290	1260	1220	1250	1130	1070	1110	---	---	---
11	1340	1180	1260	1270	1230	1250	1090	1060	1070	---	---	---
12	1330	1200	1260	1260	1230	1240	1110	1040	1070	---	---	---
13	1260	1240	1250	1290	1220	1250	1110	1030	1070	---	---	---
14	1250	1220	1240	1250	1180	1230	1110	1010	1060	862	822	848
15	1250	1150	1210	1240	1170	1210	1170	1080	1120	880	820	856
16	---	---	---	1220	1150	1190	1100	1050	1080	876	836	859
17	---	---	---	1280	1230	1250	1150	1010	1040	874	826	847
18	---	---	---	1270	1230	1250	1060	938	1010	910	830	868
19	988	798	885	1250	1190	1230	---	---	---	950	870	906
20	1180	956	1050	1220	1100	1190	---	---	---	938	894	909
21	1230	1190	1220	1140	1000	1100	---	---	---	---	---	---
22	1240	1230	1240	1060	996	1040	820	664	762	---	---	---
23	1240	1210	1220	1080	1020	1040	832	746	792	---	---	---
24	1250	1220	1240	1100	1010	1060	844	804	822	---	---	---
25	1310	1240	1280	1030	984	1020	---	---	---	---	---	---
26	1270	1230	1250	1080	978	1030	870	810	847	---	---	---
27	1260	1130	1210	1090	984	1040	878	844	861	---	---	---
28	1240	1070	1170	1040	1000	1020	866	836	851	---	---	---
29	1230	1100	1200	1060	990	1020	862	826	845	1050	973	1020
30	---	---	---	1050	952	1000	826	760	784	1050	946	990
31	---	---	---	1040	950	994	---	---	---	1050	922	981
MONTH	1390	798	1220	1290	950	1160	1210	664	1010	1050	674	840

STATION NUMBER 09306061 PICEANCE CREEK AB HUNTER C, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395102 LONGITUDE 1081530 DRAINAGE AREA 309.00 DATUM 6214.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	1010	937	977	1470	1370	1400	1380	1330	1360	1280	1180	1220
2	1030	905	971	1390	1350	1370	1340	1290	1320	1270	1190	1230
3	1050	946	994	1490	1350	1410	1310	1270	1290	1270	1240	1260
4	1050	926	969	1490	1360	1410	1280	1240	1270	1270	1230	1250
5	1220	1060	1120	1490	1340	1400	1250	1220	1230	1270	1240	1260
6	1280	1100	1190	1490	1340	1400	1230	1220	1230	1280	1240	1260
7	---	---	---	1440	1340	1390	1270	1220	1250	1260	1230	1240
8	---	---	---	1470	1340	1400	1290	1240	1270	1260	1220	1240
9	1450	1280	1350	1470	1350	1410	1280	1260	1270	1250	1220	1240
10	1430	1310	1370	1460	1360	1400	1290	1270	1270	1270	1190	1230
11	1470	1350	1410	1450	1340	1390	1280	1260	1270	1320	1250	1290
12	1590	1400	1480	1550	1330	1440	1280	1240	1260	1280	1240	1260
13	1540	1390	1470	1540	1450	1510	1260	1220	1240	1300	1230	1270
14	1550	1380	1450	1530	1430	1470	1250	1230	1240	1310	1250	1280
15	1510	1380	1430	1520	1400	1450	1270	1230	1250	1320	1240	1280
16	1520	1380	1430	1510	1390	1440	1310	1240	1270	1260	1180	1240
17	1470	1370	1430	1610	1360	1470	1280	1210	1240	1300	1250	1280
18	1510	1330	1400	1590	1560	1570	1270	1200	1230	1320	1270	1290
19	1480	1360	1430	1550	1530	1550	1270	1240	1250	1330	1280	1300
20	1510	1370	1430	1530	1510	1520	1260	1220	1250	1290	1240	1270
21	1520	1380	1450	1520	1490	1500	1260	1200	1230	1280	1240	1260
22	1520	1380	1440	1530	1500	1510	1280	1240	1260	1290	1240	1260
23	1500	1370	1440	1530	1470	1500	1280	1220	1260	1350	1250	1280
24	---	---	---	1520	1500	1510	1250	1200	1230	1510	1360	1430
25	---	---	---	1520	1470	1500	1280	1200	1250	---	---	---
26	1550	1390	1450	1480	1440	1460	1270	1220	1240	---	---	---
27	1510	1380	1440	1480	1450	1460	1250	1220	1240	---	---	---
28	1500	1340	1410	1460	1430	1450	1250	1210	1240	1280	1260	1270
29	1480	1340	1400	1460	1430	1440	1260	1220	1250	1300	1260	1270
30	1480	1360	1410	1470	1370	1440	1260	1190	1240	---	---	---
31	---	---	---	1390	1360	1380	1250	1180	1210	---	---	---
MONTH	1590	905	1340	1610	1330	1450	1380	1180	1260	1510	1180	1270
YEAR	1830	664	1250									

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306061 PICEANCE CREEK AB HUNTER C, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395102 LONGITUDE 1081530 DRAINAGE AREA 309.00 DATUM 6214.00 STATE 08 COUNTY 103

OXYGEN, DISSOLVED (DO), MG/L, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	11.8	7.3	9.0	---	---	---	10.9	10.6	10.7	---	---	---
2	12.1	7.1	9.0	---	---	---	10.8	10.6	10.7	---	---	---
3	11.9	7.2	8.9	10.6	9.2	9.8	10.9	10.5	---	---	---	---
4	12.0	7.2	9.1	10.7	9.0	9.8	---	---	---	11.0	9.7	10.1
5	12.1	7.2	9.1	10.9	9.1	9.9	---	---	---	11.5	10.5	10.9
6	12.2	7.0	9.0	11.1	9.0	10.0	10.9	9.7	10.3	11.5	10.9	11.2
7	12.5	7.0	---	10.2	9.0	9.5	10.7	9.5	10.1	11.5	10.7	11.2
8	12.1	7.1	8.9	10.3	9.0	9.6	---	---	---	11.2	10.9	11.1
9	12.2	7.2	9.0	10.3	8.9	9.6	---	---	---	---	---	---
10	12.1	7.3	9.0	11.0	9.0	9.9	---	---	---	---	---	---
11	11.7	7.2	8.9	10.9	9.5	10.0	---	---	---	---	---	---
12	12.2	7.2	9.1	11.4	9.5	10.3	11.0	10.6	10.8	---	---	---
13	12.1	7.0	8.9	11.4	8.9	10.6	11.0	10.7	10.9	11.0	9.6	10.3
14	11.6	7.0	8.7	10.8	8.8	9.8	11.1	10.8	10.9	10.6	9.8	10.0
15	12.0	6.7	8.7	10.8	8.8	9.7	11.2	11.0	11.1	10.9	10.0	10.5
16	11.7	6.6	8.4	10.6	8.6	9.6	11.3	10.9	11.1	10.8	10.2	10.5
17	11.2	6.6	8.3	10.5	8.5	9.4	11.4	10.7	11.0	11.0	9.9	10.5
18	11.0	6.6	8.0	---	---	---	11.4	10.7	11.0	10.8	10.0	10.4
19	11.3	6.5	7.9	10.2	9.1	9.6	11.3	10.7	11.0	11.6	10.7	11.2
20	8.4	6.5	7.6	10.5	9.1	9.8	11.2	10.4	10.8	12.0	10.9	11.4
21	9.8	7.9	8.5	10.9	9.4	10.1	---	---	---	11.8	10.9	11.4
22	10.1	7.9	8.7	10.7	9.4	9.8	---	---	---	11.9	10.3	11.1
23	9.8	7.6	8.6	10.5	9.8	10.1	---	---	---	11.2	10.4	11.0
24	9.4	7.9	8.5	10.6	9.3	9.9	---	---	---	11.2	10.0	10.7
25	9.8	8.1	8.9	10.2	9.3	9.7	---	---	---	10.7	9.8	10.3
26	9.7	8.3	8.9	10.1	9.4	9.7	---	---	---	11.0	10.0	10.6
27	10.2	8.5	9.2	10.9	9.9	10.3	---	---	---	10.9	10.2	10.6
28	10.3	8.6	9.4	10.8	10.4	10.6	---	---	---	11.0	10.6	10.9
29	10.3	8.9	9.6	10.8	10.2	10.5	---	---	---	10.9	9.6	10.4
30	10.5	9.3	9.9	10.7	10.3	10.4	---	---	---	11.0	10.3	10.7
31	---	---	---	---	---	---	---	---	---	11.3	10.5	11.0
MONTH	12.5	6.5	8.8	11.4	8.5	9.9	11.4	9.5	10.8	12.0	9.6	10.8

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306061 PICEANCE CREEK AB HUNTER C, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395102 LONGITUDE 1081530 DRAINAGE AREA 309.00 DATUM 6214.00 STATE 08 COUNTY 103

OXYGEN, DISSOLVED (DO), MG/L, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	11.2	10.5	11.0	11.0	9.3	10.3	10.6	8.0	9.5	10.6	9.7	10.2
2	11.2	10.2	10.7	11.4	10.1	10.7	10.8	9.2	9.9	11.0	9.5	10.3
3	10.7	9.6	10.2	10.7	9.8	10.3	10.8	8.9	9.8	11.1	9.7	10.3
4	10.5	9.7	10.1	10.7	9.6	10.2	10.9	8.0	9.5	10.9	9.6	10.2
5	11.2	10.1	10.7	11.0	9.7	10.4	10.3	8.0	9.3	10.8	9.5	10.1
6	10.9	9.9	10.5	10.9	10.1	10.5	10.3	8.7	9.4	10.7	9.4	10.1
7	10.7	10.0	10.3	10.9	9.4	10.3	10.7	9.0	9.8	10.1	9.2	9.9
8	11.2	10.4	11.0	11.0	9.4	10.2	11.1	7.8	9.6	---	---	---
9	11.3	10.7	11.1	11.1	9.5	10.2	10.5	7.5	---	---	---	---
10	11.2	10.7	11.0	11.0	8.7	9.9	9.7	8.4	9.0	---	---	---
11	11.1	10.6	10.9	10.7	9.2	10.0	10.1	8.7	9.4	---	---	---
12	11.1	10.2	10.8	10.6	9.4	9.9	10.6	8.1	9.4	---	---	---
13	10.8	9.6	10.3	11.0	8.9	10.0	10.7	7.6	9.2	---	---	---
14	10.0	8.8	9.5	10.8	8.3	9.6	10.3	7.1	8.8	---	---	---
15	9.5	8.7	9.1	10.3	8.5	9.4	9.8	7.6	8.6	---	---	---
16	---	---	---	10.4	8.9	9.7	9.8	7.3	8.5	---	---	---
17	---	---	---	10.7	9.3	10.0	9.9	7.8	9.0	---	---	---
18	---	---	---	11.2	8.7	10.0	10.3	7.8	9.0	---	---	---
19	8.3	7.6	7.9	10.6	8.5	9.6	---	---	---	---	---	---
20	9.8	8.1	8.3	10.8	8.4	9.6	---	---	---	---	---	---
21	10.3	9.5	9.8	10.5	8.2	9.4	---	---	---	---	---	---
22	10.5	9.6	10.1	10.1	9.4	9.7	9.1	8.6	8.9	---	---	---
23	11.0	9.9	10.5	10.6	8.8	9.7	9.9	8.4	8.9	---	---	---
24	11.4	9.7	10.6	10.5	8.4	9.5	9.4	8.5	8.8	---	---	---
25	11.5	9.5	---	10.7	9.3	---	---	---	---	---	---	---
26	11.5	9.7	---	11.4	8.9	10.2	10.3	8.4	9.1	---	---	---
27	11.5	9.3	10.5	11.3	8.9	10.1	10.6	8.5	9.5	---	---	---
28	11.3	9.3	10.3	11.0	9.6	10.2	10.6	9.1	9.8	---	---	---
29	10.6	9.9	10.3	11.0	9.1	10.1	10.3	9.2	9.8	10.2	8.8	9.7
30	---	---	---	10.5	9.3	10.0	10.3	9.7	10.0	10.7	8.7	9.7
31	---	---	---	11.0	8.8	10.1	---	---	---	10.3	8.5	9.3
MONTH	11.5	7.6	10.2	11.4	8.2	10.0	11.1	7.1	9.3	11.1	8.5	10.0

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY   PROCESS DATE IS 07-08-81

STATION NUMBER   09306061 PICEANCE CREEK AB HUNTER C, NEAR RIO BLANCO, CO.   STREAM   SOURCE AGENCY USGS
LATITUDE 395102   LONGITUDE 1081530   DRAINAGE AREA   309.00   DATUM 6214.00   STATE 08 COUNTY 103

OXYGEN, DISSOLVED (DO), MG/L, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	9.8	8.6	9.1	10.5	5.0	7.1	9.0	7.7	8.2	---	---	---
2	9.5	7.5	8.5	---	---	---	8.8	7.7	8.2	---	---	---
3	8.8	6.8	7.8	---	---	---	9.1	8.0	8.5	---	---	---
4	8.3	6.5	7.5	---	---	---	9.4	8.0	8.7	---	---	---
5	8.6	6.4	7.6	---	---	---	9.3	8.0	8.7	---	---	---
6	8.8	6.5	7.7	---	---	---	9.5	8.1	8.8	---	---	---
7	---	---	---	---	---	---	9.4	7.9	8.7	---	---	---
8	---	---	---	---	---	---	9.3	7.9	8.6	---	---	---
9	9.0	7.7	---	---	---	---	9.1	7.9	8.5	---	---	---
10	8.4	6.7	7.6	---	---	---	9.1	8.0	8.5	---	---	---
11	8.0	6.6	7.2	---	---	---	9.2	7.9	8.6	---	---	---
12	7.7	6.4	7.0	---	---	---	9.1	8.0	8.5	---	---	---
13	7.9	6.4	7.1	---	---	---	8.9	8.2	8.5	---	---	---
14	8.0	6.7	---	---	---	---	8.8	7.9	8.4	---	---	---
15	7.8	6.6	---	---	---	---	8.6	8.0	8.3	7.9	7.5	7.7
16	8.1	6.6	7.4	11.1	6.6	9.1	8.7	8.2	8.4	8.7	7.1	7.9
17	8.1	6.9	7.5	10.1	6.5	8.2	8.9	8.0	8.5	9.2	7.1	8.1
18	8.5	6.6	7.5	10.0	7.0	8.9	8.8	8.0	8.4	9.1	7.1	8.1
19	8.4	7.0	7.3	10.2	6.5	8.8	8.8	8.1	8.4	8.9	7.1	7.9
20	8.4	6.6	7.2	9.9	6.6	8.7	8.9	8.0	8.4	9.0	7.2	8.0
21	9.0	6.5	7.3	9.6	7.1	8.6	8.9	7.4	8.2	9.4	7.7	8.4
22	9.5	6.0	7.7	10.7	6.4	8.3	9.1	7.3	8.1	9.8	7.6	8.6
23	10.1	6.3	---	10.2	6.5	7.8	8.6	7.3	8.0	9.9	7.6	8.7
24	---	---	---	9.5	6.7	7.5	8.4	7.2	7.8	9.6	8.2	---
25	---	---	---	8.5	7.1	7.7	8.4	7.2	7.7	---	---	---
26	11.4	5.3	---	8.7	7.1	7.9	8.5	6.7	7.5	---	---	---
27	10.1	5.3	7.4	9.4	7.1	8.1	8.3	6.6	7.4	---	---	---
28	10.6	5.5	7.8	9.1	7.3	8.1	---	---	---	9.5	8.2	8.8
29	10.5	5.3	7.7	9.3	7.4	8.2	---	---	---	9.9	8.1	---
30	10.8	5.1	7.4	9.4	7.6	8.3	---	---	---	---	---	---
31	---	---	---	8.9	7.5	8.3	---	---	---	---	---	---
MONTH	11.4	5.1	7.6	11.1	5.0	8.2	9.5	6.6	8.3	9.9	7.1	8.2
YEAR	12.5	5.0	9.4									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY   PROCESS DATE IS 07-08-81

STATION NUMBER   09306061 PICEANCE CREEK AB HUNTER C, NEAR RIO BLANCO, CO.   STREAM   SOURCE AGENCY USGS
LATITUDE 395102   LONGITUDE 1081530   DRAINAGE AREA   309.00   DATUM 6214.00   STATE 08 COUNTY 103

PH (STANDARD UNITS), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	8.4	8.2	8.2	---	---	---	8.3	8.1	8.1	---	---	---
2	8.4	8.1	8.2	---	---	---	8.3	8.2	8.2	---	---	---
3	8.4	8.1	8.2	8.3	8.2	8.3	8.3	8.2	8.3	---	---	---
4	8.4	8.1	8.2	8.3	8.3	8.3	---	---	---	8.4	8.3	8.3
5	8.4	8.1	8.2	8.4	8.3	8.3	8.4	8.4	8.4	8.3	8.3	8.3
6	8.4	8.1	8.2	8.3	8.2	8.3	8.4	8.3	8.4	8.4	8.3	8.3
7	8.4	8.1	8.2	8.2	8.2	8.2	8.4	8.3	8.4	8.4	8.3	8.3
8	8.4	8.1	8.2	8.2	8.2	8.2	---	---	---	8.4	8.3	8.3
9	8.4	8.1	8.2	8.2	8.2	8.2	---	---	---	8.3	8.3	8.3
10	8.4	8.1	8.2	8.2	8.2	8.2	---	---	---	8.3	8.2	8.3
11	8.4	8.1	8.2	8.2	8.2	8.2	---	---	---	8.3	8.2	8.3
12	8.4	8.1	8.2	8.2	8.2	8.2	8.4	8.2	8.3	8.3	8.2	8.2
13	8.4	8.1	8.2	8.2	8.1	8.2	8.3	8.2	8.2	8.2	8.1	8.2
14	8.3	8.1	8.2	8.2	8.1	8.2	8.3	8.2	8.2	8.4	8.2	8.2
15	8.3	8.0	8.1	8.2	8.2	8.2	8.4	8.2	8.3	8.4	8.4	8.4
16	8.3	8.0	8.1	8.2	8.2	8.2	8.5	8.3	8.3	8.5	8.4	8.4
17	8.3	8.0	8.1	8.2	8.2	8.2	8.4	8.3	8.3	8.5	8.5	8.5
18	8.2	8.0	8.1	---	---	---	8.5	8.3	8.4	8.5	8.5	8.5
19	8.3	8.0	8.1	8.3	8.2	8.2	8.5	8.3	8.4	8.5	8.5	8.5
20	8.3	8.0	8.2	8.2	8.2	8.2	8.4	8.3	8.4	8.5	8.5	8.5
21	8.2	8.1	8.2	8.3	8.2	8.2	---	---	---	8.5	8.5	8.5
22	8.3	8.1	8.2	8.2	8.1	8.2	---	---	---	8.5	8.5	8.5
23	8.2	8.1	8.2	8.2	8.2	8.2	---	---	---	8.5	8.4	8.5
24	8.3	8.2	8.2	8.2	8.2	8.2	---	---	---	8.5	8.4	8.5
25	8.4	8.3	8.3	8.2	8.2	8.2	---	---	---	8.5	8.5	8.5
26	8.4	8.3	8.3	8.2	8.2	8.2	---	---	---	8.5	8.5	8.5
27	8.4	8.3	8.3	8.3	8.2	8.2	---	---	---	8.6	8.4	8.5
28	8.4	8.3	8.3	8.3	8.1	8.2	---	---	---	8.5	8.5	8.5
29	8.4	8.3	8.3	8.2	8.1	8.2	---	---	---	8.5	8.5	8.5
30	8.3	8.3	8.3	8.2	8.1	8.1	---	---	---	8.5	8.5	8.5
31	---	---	---	---	---	---	---	---	---	8.6	8.3	8.4
MONTH	8.4	8.0	8.2	8.4	8.1	8.2	8.5	8.1	8.3	8.6	8.1	8.4

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306061 PICEANCE CREEK AB HUNTER C, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395102 LONGITUDE 1081530 DRAINAGE AREA 309.00 DATUM 6214.00 STATE 08 COUNTY 103

PH (STANDARD UNITS), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	8.5	8.5	8.5	8.4	8.3	8.0	8.1	8.1	8.1	8.3	8.3	8.3
2	8.5	8.5	8.5	8.3	8.3	8.0	8.2	8.1	8.1	8.3	8.3	8.3
3	8.5	8.5	8.5	8.3	8.3	8.3	8.1	8.1	8.1	8.4	8.3	8.3
4	8.5	8.5	8.5	8.3	8.3	8.3	8.1	8.1	8.1	8.3	8.3	8.3
5	8.5	8.5	8.5	8.3	8.3	8.3	8.2	8.1	8.1	8.3	8.3	8.3
6	8.5	8.5	8.5	8.4	8.3	8.3	8.2	8.1	8.1	8.3	8.3	8.3
7	8.5	8.5	8.5	8.4	8.3	8.3	8.2	8.1	8.2	8.3	8.3	8.3
8	8.5	8.5	8.5	8.4	8.3	8.3	8.2	8.2	8.2	---	---	---
9	8.5	8.4	8.4	8.4	8.3	8.4	8.2	8.2	8.2	---	---	---
10	8.5	8.4	8.4	8.4	8.3	8.4	8.2	8.2	8.2	---	---	---
11	8.5	8.4	8.4	8.4	8.3	8.4	8.3	8.2	8.2	---	---	---
12	8.5	8.4	8.5	8.4	8.3	8.4	8.3	8.2	8.3	---	---	---
13	8.6	8.5	8.5	8.4	8.3	8.4	8.3	8.3	8.3	---	---	---
14	8.5	8.5	8.5	8.4	8.4	8.4	8.3	8.3	8.3	8.1	8.1	8.1
15	8.5	8.4	8.5	8.4	8.4	8.4	8.3	8.3	8.3	8.1	8.1	8.1
16	---	---	---	8.5	8.4	8.4	8.4	8.3	8.3	8.1	8.1	8.1
17	---	---	---	8.4	8.3	8.3	8.4	8.3	8.4	8.1	8.1	8.1
18	---	---	---	8.3	8.3	8.3	8.4	8.2	8.3	8.1	8.1	8.1
19	8.4	8.3	8.4	8.3	8.3	8.3	---	---	---	8.1	8.0	8.1
20	8.4	8.2	8.4	8.3	8.3	8.3	---	---	---	8.1	8.0	8.0
21	8.3	8.2	8.2	8.3	8.2	8.3	---	---	---	---	---	---
22	8.3	8.2	8.3	8.2	8.2	8.2	8.3	8.0	8.2	---	---	---
23	8.3	8.3	8.3	8.2	8.1	8.2	8.3	8.2	8.2	---	---	---
24	8.4	8.3	8.3	8.2	8.1	8.1	8.3	8.2	8.3	---	---	---
25	8.4	8.3	8.3	8.2	8.1	8.1	---	---	---	---	---	---
26	8.4	8.3	8.3	8.1	8.0	8.1	8.4	8.3	8.3	---	---	---
27	8.4	8.3	8.3	8.1	8.1	8.1	8.4	8.3	8.4	---	---	---
28	8.3	8.3	8.3	8.2	8.1	8.1	8.4	8.3	8.3	---	---	---
29	8.3	8.2	8.3	8.1	8.1	8.1	8.4	8.3	8.3	8.0	7.9	7.9
30	---	---	---	8.1	8.1	8.1	8.4	8.3	8.3	8.0	7.9	7.9
31	---	---	---	8.2	8.1	8.1	---	---	---	8.0	7.9	7.9
MONTH	8.6	8.2	8.4	8.5	8.0	8.3	8.4	8.0	8.2	8.4	7.9	8.1

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306061 PICEANCE CREEK AB HUNTER C, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395102 LONGITUDE 1081530 DRAINAGE AREA 309.00 DATUM 6214.00 STATE 08 COUNTY 103

PH (STANDARD UNITS), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	7.9	7.9	7.9	8.1	7.9	7.9	8.0	7.9	8.0	8.2	8.2	8.2
2	7.9	7.9	7.9	7.9	7.9	7.9	8.0	7.9	8.0	8.3	8.2	8.2
3	7.9	7.8	7.9	8.0	7.8	7.9	8.1	8.0	8.0	8.3	8.2	8.3
4	7.9	7.8	7.9	8.1	7.9	7.9	8.1	8.0	8.1	8.3	8.2	8.3
5	7.9	7.8	7.9	8.1	7.9	7.9	8.1	8.0	8.1	8.3	8.2	8.3
6	7.9	7.8	7.8	8.1	8.0	8.0	8.2	8.1	8.2	8.3	8.3	8.3
7	---	---	---	8.1	8.0	8.0	8.2	8.1	8.1	8.3	8.3	8.3
8	---	---	---	8.1	7.9	7.9	8.2	8.1	8.1	8.3	8.3	8.3
9	7.8	7.8	7.8	8.0	7.9	7.9	8.1	8.1	8.1	8.3	8.2	8.3
10	7.8	7.7	7.7	8.0	7.9	7.9	8.1	8.1	8.1	8.3	8.2	8.3
11	7.8	7.7	7.7	8.1	7.9	8.0	8.1	8.1	8.1	8.3	8.3	8.3
12	7.8	7.7	7.7	8.1	7.9	7.9	8.2	8.1	8.1	8.3	8.3	8.3
13	7.8	7.7	7.7	8.1	7.9	7.9	8.2	8.1	8.1	8.4	8.3	8.3
14	7.8	7.7	7.8	8.1	7.9	8.0	8.2	8.1	8.1	8.4	8.3	8.4
15	7.8	7.7	7.8	8.0	7.9	7.9	8.2	8.2	8.2	8.4	8.3	8.4
16	7.8	7.7	7.7	8.1	7.9	8.0	8.2	8.1	8.1	8.4	8.3	8.4
17	8.0	7.9	7.9	8.1	7.9	8.0	8.2	8.1	8.1	8.4	8.3	8.4
18	8.0	7.9	8.0	8.1	7.9	7.9	8.2	8.1	8.1	8.4	8.3	8.4
19	7.9	7.9	7.9	8.1	7.9	7.9	8.2	8.1	8.1	8.4	8.4	8.4
20	7.9	7.9	7.9	8.0	7.9	7.9	8.2	8.1	8.1	8.4	8.4	8.4
21	8.0	8.0	8.0	8.0	7.9	7.9	8.2	8.2	8.2	8.4	8.4	8.4
22	8.0	7.9	8.0	8.0	7.8	7.9	8.2	8.2	8.2	8.5	8.4	8.4
23	8.0	7.9	7.9	8.0	7.8	7.9	8.2	8.2	8.2	8.5	8.4	8.4
24	---	---	---	7.9	7.8	7.9	8.2	8.2	8.2	8.5	8.3	8.3
25	---	---	---	7.9	7.9	7.9	8.2	8.2	8.2	---	---	---
26	8.1	7.9	8.0	8.0	7.9	7.9	8.2	8.2	8.2	---	---	---
27	8.1	7.9	7.9	8.0	7.9	7.9	8.2	8.2	8.2	---	---	---
28	8.1	7.9	7.9	8.0	7.9	8.0	8.2	8.2	8.2	8.5	8.4	8.4
29	8.1	7.9	8.0	8.0	7.9	7.9	8.2	8.2	8.2	8.6	8.4	8.5
30	8.1	7.9	8.0	8.0	7.9	7.9	8.3	8.2	8.2	---	---	---
31	---	---	---	8.0	7.9	7.9	8.2	8.2	8.2	---	---	---
MONTH	8.1	7.7	7.9	8.1	7.8	7.9	8.3	7.9	8.1	8.6	8.2	8.3
YEAR	8.6	7.7	8.2									

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306061 PICEANCE CREEK AB HUNTER C, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395102 LONGITUDE 1081530 DRAINAGE AREA 309.00 DATUM 6214.00 STATE 08 COUNTY 103

SEDIMENT, SUSPENDED CONCENTRATION (MG/L), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1			70			---			---			146
2			122			205			---			114
3			136			163			---			102
4			45			168			---			75
5			70			131			165			99
6			---			103			183			87
7			---			170			156			110
8			---			193			157			110
9			---			234			171			156
10			85			221			162			101
11			31			---			179			---
12			28			---			---			---
13			29			120			---			---
14			30			110			203			237
15			58			90			147			149
16			54			171			141			103
17			16			136			163			126
18			16			163			94			157
19			34			160			94			128
20			7			110			89			137
21			20			115			146			223
22			19			---			108			187
23			24			---			134			257
24			794			---			159			277
25			---			---			119			186
26			---			---			137			244
27			---			---			106			368
28			---			142			110			195
29			---			160			110			199
30			---			---			286			134
31			---						111			288
MONTH			84			153			145			168

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY   PROCESS DATE IS 07-08-81

STATION NUMBER   09306061 PICEANCE CREEK AB HUNTER C, NEAR RIO BLANCO, CO.   STREAM   SOURCE AGENCY USGS
LATITUDE 395102   LONGITUDE 1081530   DRAINAGE AREA   309.00   DATUM 6214.00   STATE 08 COUNTY 103

SEDIMENT, SUSPENDED CONCENTRATION (MG/L), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1			266			214			195			---
2			203			197			177			---
3			157			294			183			---
4			137			245			228			---
5			134			236			280			---
6			284			310			221			1480
7			319			281			251			2700
8			---			304			264			3580
9			---			271			340			---
10			---			242			362			---
11			---			250			334			---
12			600			353			335			---
13			289			318			322			3300
14			188			290			357			2920
15			201			316			443			2600
16			228			256			690			2530
17			216			241			1240			2620
18			702			296			2570			2550
19			741			309			5000			2230
20			362			264			5480			2490
21			309			---			5760			2080
22			235			---			4880			2160
23			212			---			2790			2000
24			---			---			2120			1950
25			---			---			1480			1710
26			205			---			1540			1550
27			259			272			1570			1490
28			260			265			1590			1530
29			218			246			1640			1210
30						208			2690			1060
31						238						893
MONTH			292			269			1510			2120

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306061 PICEANCE CREEK AB HUNTER C, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395102 LONGITUDE 1081530 DRAINAGE AREA 309.00 DATUM 6214.00 STATE 08 COUNTY 103

SEDIMENT, SUSPENDED CONCENTRATION (MG/L), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1			758			125			---			111
2			664			188			---			94
3			527			143			---			121
4			447			97			---			143
5			383			98			---			162
6			328			96			550			133
7			216			---			435			178
8			131			89			402			162
9			162			---			405			159
10			246			---			405			124
11			191			---			380			101
12			211			---			351			55
13			327			---			322			118
14			172			---			400			79
15			160			---			511			116
16			133			110			534			135
17			227			195			473			98
18			207			267			516			93
19			274			177			327			100
20			224			225			---			108
21			178			235			229			142
22			217			276			201			151
23			128			193			164			161
24			83			---			197			122
25			131			---			184			68
26			64			---			140			88
27			---			---			131			85
28			---			---			182			132
29			---			---			140			59
30			---			---			114			99
31						---			153			
MONTH			261			168			314			117
YEAR	---	---	481									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306061 PICEANCE CREEK AB HUNTER C, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395102 LONGITUDE 1081530 DRAINAGE AREA 309.00 DATUM 6214.00 STATE 08 COUNTY 103

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1			2.3			10			7.0			7.1
2			4.9			12			7.0			5.5
3			5.5			9.2			7.0			5.0
4			2.2			9.1			7.0			3.4
5			3.4			7.1			8.9			4.5
6			3.0			5.6			9.9			4.0
7			3.0			9.2			8.4			5.0
8			3.0			10			8.5			5.3
9			3.0			13			9.2			7.6
10			3.2			12			8.7			4.9
11			1.3			10			9.7			5.0
12			1.1			7.0			10			7.0
13			.94			6.2			10			10
14			.89			6.2			12			15
15			1.7			5.6			8.3			8.0
16			1.6			11			7.6			5.3
17			.56			8.4			8.8			6.1
18			.65			11			5.1			7.2
19			1.4			10			5.1			5.5
20			.38			6.8			5.0			5.5
21			1.1			7.1			8.3			9.6
22			1.1			7.0			5.8			8.1
23			1.5			7.0			7.2			11
24			66			7.0			8.6			12
25			100			7.0			6.4			8.0
26			100			7.0			7.4			11
27			80			7.0			5.4			16
28			80			6.9			5.6			8.4
29			60			7.3			5.6			8.1
30			40			7.0			15			5.4
31			20						5.7			12
MONTH			19			8.3			7.9			7.6

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY   PROCESS DATE IS 07-08-81

STATION NUMBER   09306061 PICEANCE CREEK AB HUNTER C, NEAR RIO BLANCO, CO.   STREAM   SOURCE AGENCY USGS
LATITUDE 395102   LONGITUDE 1081530   DRAINAGE AREA   309.00   DATUM 6214.00   STATE 08 COUNTY 103

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1			11			13			10			380
2			8.2			12			9.6			340
3			6.4			18			9.9			350
4			5.5			17			12			380
5			5.4			14			15			320
6			12			18			12			276
7			13			16			14			561
8			10			17			14			841
9			10			15			19			890
10			20			13			22			770
11			20			13			20			640
12			26			19			21			990
13			13			17			20			1170
14			9.1			16			22			867
15			11			19			30			709
16			14			16			50			663
17			12			14			127			729
18			70			17			330			688
19			76			17			890			542
20			27			16			1090			524
21			21			10			1300			404
22			15			10			1070			414
23			13			10			438			367
24			10			10			286			353
25			10			10			184			305
26			12			10			187			268
27			16			15			195			237
28			17			14			202			223
29			15			13			221			147
30						11			479			112
31						13						89
MONTH			18			14			243			502

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306061 PICEANCE CREEK AB HUNTER C, NEAR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395102 LONGITUDE 1081530 DRAINAGE AREA 309.00 DATUM 6214.00 STATE 08 COUNTY 103

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1			70			3.2			25			6.9
2			57			6.1			30			5.6
3			40			4.2			30			7.2
4			33			2.3			30			8.9
5			26			2.4			30			10
6			19			2.2			43			8.3
7			8.2			2.0			34			12
8			4.2			2.6			29			11
9			5.2			2.0			27			11
10			11			3.0			27			8.4
11			8.8			2.0			26			6.3
12			8.0			2.0			25			3.3
13			12			2.0			23			7.0
14			6.5			2.0			29			4.5
15			6.5			3.0			37			6.3
16			5.0			3.0			37			7.3
17			8.6			5.2			32			5.0
18			6.1			6.8			36			4.3
19			7.4			5.3			22			4.3
20			6.0			6.7			20			5.0
21			4.8			7.0			15			8.1
22			8.8			8.2			16			8.2
23			3.8			5.7			12			7.4
24			1.9			5.0			15			2.9
25			3.0			10			14			1.2
26			1.5			10			11			1.3
27			6.0			15			9.9			1.1
28			5.0			15			14			2.1
29			4.0			15			11			1.1
30			3.0			20			8.6			1.8
31						20			9.9			
MONTH			13			6.4			24			5.9
YEAR	---	---	73									

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306200 PICEANCE CREEK BL RYAN GULCH, NR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395516 LONGITUDE 1081749 DRAINAGE AREA 506.00 DATUM 6070.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1							---	---	---	.5	.5	.5
2							---	---	---	3.5	.0	.5
3							---	---	---	.0	.0	.0
4							---	---	---	.0	.0	.0
5							---	---	---	3.0	.0	1.5
6							---	---	---	2.5	.0	.5
7							3.0	2.5	3.0	2.0	.0	.5
8							5.5	2.5	4.0	3.5	.0	2.0
9							4.5	.5	2.5	3.5	1.5	2.5
10							5.0	1.0	3.0	5.0	.0	2.5
11							3.5	.5	1.5	.0	.0	.0
12							.5	.5	.5	3.5	.0	1.5
13							.5	.5	.5	6.0	2.5	4.0
14							.5	.5	.5	4.5	4.0	4.0
15							.5	.5	.5	6.0	3.5	4.5
16							.5	.5	.5	6.0	4.0	5.0
17							.5	.5	.5	6.0	3.0	4.5
18							.5	.5	.5	5.0	3.5	4.5
19							.5	.5	.5	3.0	1.0	2.0
20							.5	.5	.5	3.5	.5	1.5
21							.5	.5	.5	3.5	.5	1.5
22							4.0	.5	2.0	3.5	.5	1.5
23							4.0	1.0	2.5	2.0	.5	1.0
24							1.5	.0	.5	4.0	.5	1.5
25							3.5	.0	1.5	5.5	.5	2.5
26							2.0	.0	1.0	2.5	.5	1.0
27							2.5	1.0	1.5	.5	.5	.5
28							3.0	1.5	2.0	.5	.5	.5
29							1.5	.0	.5	3.5	.5	1.5
30							.5	.0	.0	2.5	.0	1.0
31							.5	.0	.0	.5	.0	.5
MONTH							5.5	.0	1.0	6.0	.0	2.0

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306200 PICEANCE CREEK BL RYAN GULCH, NR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395516 LONGITUDE 1081749 DRAINAGE AREA 506.00 DATUM 6070.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	.5	.5	.5	9.5	3.0	6.5	11.5	2.5	6.5	12.0	8.5	10.0
2	3.5	.5	1.5	6.5	2.5	4.5	7.0	3.5	5.0	14.0	7.5	10.5
3	6.0	1.5	3.5	6.5	4.0	5.0	11.0	1.5	6.5	12.5	8.0	10.0
4	6.5	3.0	4.5	8.0	3.5	6.0	14.5	5.0	9.5	13.0	8.5	10.5
5	5.0	.0	2.0	8.0	3.5	6.0	12.5	5.5	9.0	14.0	9.0	11.5
6	4.0	1.0	2.5	6.0	4.5	5.0	9.5	6.0	8.0	13.0	8.5	11.0
7	4.5	1.0	3.0	8.0	2.5	5.0	8.0	3.0	5.5	11.0	9.0	10.0
8	1.5	.5	.5	9.0	3.5	6.5	12.5	1.0	6.5	12.5	8.5	10.5
9	1.0	.5	.5	8.5	2.5	6.0	13.5	4.0	7.5	11.5	9.0	10.0
10	.5	.5	.5	10.5	2.5	6.5	---	---	---	13.5	8.0	10.5
11	.5	.5	.5	7.5	3.0	5.5	---	---	---	11.5	8.5	9.5
12	.5	.5	.5	8.5	3.5	6.0	---	---	---	8.5	6.5	7.0
13	4.5	.0	1.5	9.5	1.0	5.5	---	---	---	---	---	---
14	5.5	3.0	4.0	11.0	2.5	7.0	---	---	---	---	---	---
15	6.5	4.0	5.0	10.0	4.5	7.0	---	---	---	---	---	---
16	7.5	3.5	5.0	8.0	2.5	5.0	---	---	---	---	---	---
17	6.5	3.0	4.5	7.0	.5	3.5	15.0	4.5	10.0	---	---	---
18	7.0	1.5	4.0	10.0	.5	5.0	14.0	5.5	10.0	---	---	---
19	7.0	2.0	4.0	12.0	4.0	7.5	13.0	5.5	9.0	16.5	9.0	14.0
20	5.5	3.0	4.0	11.5	3.0	7.0	13.0	5.5	9.0	17.5	8.5	13.0
21	6.0	3.5	4.5	11.0	3.0	7.0	12.0	7.0	9.5	19.0	9.5	---
22	7.0	3.5	5.0	7.5	5.0	6.0	11.5	9.0	10.0	18.0	10.0	---
23	5.5	2.0	4.0	10.0	4.0	6.5	12.5	7.5	9.5	16.5	9.5	---
24	7.0	.0	3.5	10.5	4.0	7.5	11.5	9.0	10.0	13.0	8.5	---
25	7.0	.0	3.5	7.0	2.5	4.5	14.0	6.0	10.0	12.0	5.0	8.0
26	8.5	1.0	4.5	9.5	1.0	5.0	14.5	6.5	10.5	14.0	6.0	10.0
27	9.0	2.0	5.5	8.5	.5	5.0	14.5	6.5	10.5	15.5	7.0	11.0
28	8.5	2.0	5.5	6.5	3.0	5.0	12.5	7.0	10.0	16.5	7.5	---
29	6.0	4.5	5.5	10.0	3.0	6.5	13.0	8.0	10.5	15.0	9.0	---
30	---	---	---	6.0	2.5	4.0	12.0	8.0	10.0	17.0	8.0	12.5
31	---	---	---	7.5	1.0	4.0	---	---	---	15.5	7.5	11.5
MONTH	9.0	.0	3.0	12.0	.5	5.5	15.0	1.0	9.0	19.0	5.0	10.5

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306200 PICEANCE CREEK BL RYAN GULCH, NR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395516 LONGITUDE 1081749 DRAINAGE AREA 506.00 DATUM 6070.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	15.5	8.0	---	---	---	---	20.5	13.5	17.0	18.0	8.0	12.5
2	17.5	7.5	---	---	---	---	22.0	13.0	17.5	19.0	8.5	13.5
3	18.5	9.5	13.5	---	---	---	20.0	12.0	15.5	19.5	9.5	14.5
4	19.0	11.5	---	---	---	---	20.5	11.0	16.0	20.0	9.5	15.0
5	19.5	8.5	---	---	---	---	21.5	12.5	17.0	19.5	9.5	15.0
6	19.0	9.0	---	---	---	---	22.0	12.5	17.5	19.0	11.5	15.5
7	20.5	9.0	15.5	---	---	---	21.5	13.0	17.5	17.5	13.0	15.5
8	20.5	9.5	---	22.0	16.0	19.5	20.5	14.0	17.5	17.0	12.0	14.5
9	21.5	9.5	---	21.5	11.5	17.0	22.0	12.5	17.0	15.5	12.0	14.0
10	21.5	9.0	15.5	21.5	12.0	17.0	22.0	10.5	16.5	17.0	13.0	14.5
11	21.0	9.5	15.0	21.5	13.0	17.5	19.0	10.5	15.5	19.0	9.5	14.0
12	20.5	9.5	15.5	20.5	12.0	16.5	19.5	13.0	16.0	18.0	11.0	14.5
13	20.0	8.0	14.0	19.5	13.5	16.0	18.5	13.5	16.0	19.5	9.5	14.5
14	21.0	8.5	15.0	21.5	12.0	16.5	20.0	15.5	17.5	18.5	9.0	13.5
15	22.0	8.5	15.0	22.0	10.5	16.5	17.5	14.0	16.0	19.0	8.5	13.5
16	22.0	9.0	15.5	22.5	10.5	16.5	18.5	10.0	13.5	20.0	11.0	15.0
17	22.5	10.0	17.0	22.0	11.0	16.5	---	---	---	19.5	8.5	13.5
18	19.5	11.0	16.5	22.5	11.5	17.0	---	---	---	19.0	8.5	13.5
19	20.5	9.0	15.0	21.0	12.0	16.5	---	---	---	19.0	10.0	14.0
20	22.0	9.0	15.5	22.5	11.0	17.0	---	---	---	18.5	10.0	14.0
21	22.0	9.0	15.5	23.0	10.5	17.0	---	---	---	16.5	8.0	12.0
22	20.0	8.5	14.5	22.0	10.5	16.5	---	---	---	16.5	7.0	11.5
23	21.5	8.0	15.0	20.5	11.5	16.0	---	---	---	16.0	6.5	10.5
24	21.5	8.0	15.5	21.0	11.0	17.0	---	---	---	17.0	6.5	11.0
25	21.5	9.5	16.0	20.5	11.0	16.0	---	---	---	17.0	6.0	11.0
26	21.5	9.5	16.0	21.5	11.0	16.5	---	---	---	18.0	6.0	11.5
27	---	---	---	23.0	11.5	17.5	---	---	---	17.5	7.0	12.0
28	---	---	---	23.5	11.5	17.5	19.5	15.5	17.5	16.5	7.0	12.0
29	---	---	---	20.0	11.5	16.5	17.5	11.0	14.0	17.5	7.0	12.0
30	---	---	---	20.5	13.0	17.0	15.5	9.0	12.0	18.0	6.5	11.5
31	---	---	---	22.0	12.0	17.0	15.0	9.0	12.0	---	---	---
MONTH	22.5	7.5	15.5	23.5	10.5	17.0	22.0	9.0	16.0	20.0	6.0	13.5
YEAR	23.5	.0	8.5									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY   PROCESS DATE IS 07-08-81

STATION NUMBER   09306200 PICEANCE CREEK BL RYAN GULCH, NR RIO BLANCO, CO.   STREAM   SOURCE AGENCY USGS
LATITUDE 395516   LONGITUDE 1081749   DRAINAGE AREA   506.00   DATUM 6070.00   STATE 08 COUNTY 103

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1			8.6			34			22			25
2			8.1			33			22			25
3			9.7			33			22			25
4			9.8			33			22			25
5			9.2			33			24			25
6			10			34			29			25
7			11			33			28			25
8			11			34			28			25
9			11			33			28			25
10			10			33			28			25
11			9.8			33			29			22
12			11			32			24			25
13			13			32			24			27
14			12			32			24			35
15			11			31			24			30
16			13			31			22			28
17			13			31			22			27
18			13			33			22			27
19			13			33			20			27
20			17			33			22			27
21			28			32			24			27
22			31			32			26			27
23			33			32			29			27
24			34			32			28			30
25			30			30			28			26
26			30			30			28			26
27			31			28			25			25
28			30			24			25			25
29			28			22			25			24
30			35			22			25			24
31			34						25			22
MONTH			18			31			25			26

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306200 PICEANCE CREEK BL RYAN GULCH, NR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395516 LONGITUDE 1081749 DRAINAGE AREA 506.00 DATUM 6070.00 STATE 08 COUNTY 103

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1			22			36			30			77
2			24			32			30			75
3			24			31			29			76
4			23			30			29			77
5			23			32			30			78
6			23			31			31			79
7			23			32			31			81
8			23			31			31			90
9			23			31			31			102
10			24			30			31			113
11			24			31			31			112
12			24			31			31			139
13			24			30			31			161
14			24			30			31			160
15			28			30			33			163
16			33			32			33			164
17			35			29			34			164
18			56			29			41			166
19			61			29			59			167
20			54			29			68			150
21			37			30			78			139
22			33			33			81			134
23			33			31			70			130
24			30			30			64			126
25			28			33			62			119
26			30			33			58			120
27			31			30			57			110
28			36			31			55			101
29			36			30			58			92
30						31			68			85
31						31						81
MONTH			31			31			45			117

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306200 PICEANCE CREEK BL RYAN GULCH, NR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395516 LONGITUDE 1081749 DRAINAGE AREA 506.00 DATUM 6070.00 STATE 08 COUNTY 103

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1			71			11			35			26
2			66			16			39			25
3			59			20			40			23
4			51			16			40			23
5			47			16			42			22
6			44			14			42			22
7			33			16			41			22
8			25			17			40			24
9			24			14			39			24
10			24			14			37			25
11			24			13			34			20
12			26			15			33			19
13			26			18			36			19
14			24			20			37			20
15			25			20			38			20
16			24			20			38			19
17			23			19			36			18
18			23			16			35			18
19			22			15			35			18
20			20			15			34			19
21			20			15			34			18
22			19			15			35			19
23			21			16			34			19
24			20			18			34			14
25			13			26			34			9.6
26			9.7			26			32			8.6
27			9.6			25			31			9.4
28			9.8			25			29			10
29			9.9			25			28			11
30			10			28			26			9.7
31						33			26			
MONTH			27			19			35			18
YEAR	---	---	35									

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306200 PICEANCE CREEK BL RYAN GULCH, NR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395516 LONGITUDE 1081749 DRAINAGE AREA 506.00 DATUM 6070.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1							---	---	---	---	---	---
2							---	---	---	---	---	---
3							---	---	---	---	---	---
4							---	---	---	---	---	---
5							---	---	---	1380	1350	1370
6							---	---	---	1370	1320	1360
7							1380	1340	1360	1410	1300	1360
8							1460	1430	1450	1430	1330	1400
9							1450	1420	1440	1430	1400	1420
10							1440	1420	1430	1420	1370	1400
11							1440	1380	1400	1480	1330	1430
12							1610	1440	1540	1420	1310	1370
13							1550	1490	1510	1440	1350	1400
14							1510	1430	1480	1400	1320	1370
15							1460	1390	1420	1460	1350	1410
16							1420	1340	1390	1470	1410	1440
17							1420	1350	1380	1480	1440	1450
18							1420	1350	1370	1450	1430	1440
19							1460	1340	1400	1450	1420	1430
20							1400	1350	1370	1460	1420	1450
21							1390	1350	1370	1470	1410	1440
22							1400	1390	1380	1440	1380	1410
23							1410	1360	1400	1490	1360	1410
24							1410	1370	1380	1430	1370	1400
25							1420	1370	1400	1420	1350	1400
26							1420	1360	1390	1410	1250	1380
27							1450	1390	1400	1420	1290	1370
28							1410	1380	1390	1330	1290	1320
29							1430	1380	1400	1380	1300	1330
30							---	---	---	1420	1350	1380
31							---	---	---	1490	1300	1380
MONTH							1610	1340	1410	1490	1250	1400

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306200 PICEANCE CREEK BL RYAN GULCH, NR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395516 LONGITUDE 1081749 DRAINAGE AREA 506.00 DATUM 6070.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	1320	1260	1280	1430	1370	1400	1420	1390	1400	930	909	922
2	1430	1360	1410	1430	1380	1400	1410	1360	1390	933	918	927
3	1430	1400	1420	1420	1360	1390	1410	1380	1400	924	894	913
4	1420	1390	1410	1400	1340	1370	1420	1380	1400	924	880	907
5	1540	1390	1430	1460	1360	1410	1410	1380	1390	912	900	907
6	1440	1400	1420	1430	1380	1410	1380	1340	1360	915	888	905
7	1410	1380	1400	1430	1360	1400	1370	1350	1360	894	853	878
8	1490	1390	1430	1470	1400	1440	1390	1340	1370	877	850	861
9	1570	1380	1480	1480	1420	1460	1410	1190	1360	877	850	869
10	1500	1250	1410	1490	1420	1460	---	---	---	891	844	862
11	1440	1240	1330	1480	1420	1450	---	---	---	903	874	890
12	1460	1210	1330	1460	1410	1430	---	---	---	903	886	895
13	1450	1200	1320	1510	1410	1450	---	---	---	---	---	---
14	1440	1420	1430	1470	1420	1450	---	---	---	---	---	---
15	1440	1240	1380	1450	1390	1420	---	---	---	---	---	---
16	1380	1200	1290	1420	1330	1370	---	---	---	---	---	---
17	1400	1120	1290	1510	1410	1450	1310	1250	1270	---	---	---
18	1340	593	1060	1480	1420	1450	1250	1120	1200	---	---	---
19	1080	699	898	1460	1410	1430	1120	888	993	990	958	971
20	1080	715	909	1430	1390	1410	961	763	869	1000	986	996
21	1450	697	985	1420	1360	1400	940	697	816	1040	1000	1020
22	1460	1410	1440	1400	1310	1350	940	717	831	1050	963	1020
23	1450	1400	1420	1400	1370	1390	968	894	933	1020	997	1010
24	1480	1410	1440	1410	1370	1390	984	924	958	1020	1010	1020
25	1520	1430	1470	1390	3	1370	1010	924	987	1030	1020	1030
26	1490	1410	1440	1420	1	1390	1030	909	990	1040	1020	1030
27	1470	1080	1370	1460	0	1430	1020	971	998	1070	1040	1050
28	1430	1110	1290	1450	3	1430	1020	990	1010	1080	1060	1070
29	1400	1190	1320	1420	3	1410	1010	918	988	1260	1080	1180
30	---	---	---	1430	3	1410	994	897	950	1230	1210	1220
31	---	---	---	1410	1	1380	---	---	---	1240	1200	1220
MONTH	1570	593	1330	1510	0	1410	1420	697	1140	1260	844	983

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY   PROCESS DATE IS 07-08-81

STATION NUMBER   09306200 PICEANCE CREEK BL RYAN GULCH, NR RIO BLANCO, CO.   STREAM   SOURCE AGENCY USGS
LATITUDE 395516   LONGITUDE 1081749   DRAINAGE AREA   506.00   DATUM 6070.00   STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	1230	1200	1220	---	---	---	1600	1520	1560	1470	1410	1440
2	1240	1180	1200	---	---	---	1550	1490	1520	1480	1410	1440
3	1260	1230	1250	---	---	---	1530	1480	1490	1500	1440	1480
4	1290	1260	1270	---	---	---	1480	1400	1440	1500	1450	1470
5	1310	1290	1300	---	---	---	1460	1360	1400	1490	1450	1470
6	1380	1300	1330	---	---	---	1470	1390	1420	1500	1460	1480
7	1400	1360	1380	---	---	---	1490	1470	1480	1490	1450	1470
8	1430	1390	1410	1820	1760	1800	1500	1450	1470	1500	1460	1480
9	1420	1370	1390	1870	1830	1850	1500	1430	1470	1590	1480	1530
10	1460	1400	1430	1840	1770	1810	1510	1440	1470	1610	1560	1580
11	1480	1430	1460	1830	1800	1810	1500	1400	1440	1680	1620	1660
12	1510	1460	1480	1810	1720	1770	---	---	---	1670	1640	1660
13	1550	1500	1530	1770	1700	1730	---	---	---	1700	1640	1670
14	1600	1520	1550	1740	1670	1710	---	---	---	1700	1660	1680
15	1600	1560	1580	1700	1690	1700	---	---	---	1710	1660	1680
16	1610	1580	1600	1720	1650	1700	---	---	---	1710	1640	1680
17	1630	1590	1610	1700	1680	1700	---	---	---	1750	1660	1700
18	1650	1580	1610	1730	1670	1710	---	---	---	1750	1670	1720
19	1660	1620	1650	1730	1670	1710	---	---	---	1750	1710	1730
20	1660	1620	1650	1750	1670	1720	---	---	---	1730	1680	1720
21	1680	1610	1660	1760	1650	1700	---	---	---	1720	1690	1710
22	1670	1620	1650	1720	1660	1680	---	---	---	1720	1680	1700
23	1680	1640	1660	1710	1650	1680	---	---	---	1740	1670	1700
24	1750	1590	1670	1720	1640	1690	---	---	---	1830	1740	1800
25	1800	1770	1780	1650	1590	1620	---	---	---	1890	1820	1850
26	1810	1770	1790	1610	1560	1590	---	---	---	1980	1870	1910
27	---	---	---	1610	1550	1580	---	---	---	1910	1850	1880
28	---	---	---	1600	1540	1570	1410	1380	1400	1910	1820	1870
29	---	---	---	1670	1570	1620	1430	1360	1400	1880	1810	1840
30	---	---	---	1680	1630	1660	1440	1410	1430	1880	1820	1860
31	---	---	---	1670	1570	1610	1450	1390	1420	---	---	---
MONTH	1810	1180	1500	1870	1540	1700	1600	1360	1450	1980	1410	1660
YEAR	1980	0	1400									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306200 PICEANCE CREEK BL RYAN GULCH, NR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395516 LONGITUDE 1081749 DRAINAGE AREA 506.00 DATUM 6070.00 STATE 08 COUNTY 103

SEDIMENT, SUSPENDED CONCENTRATION (MG/L), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1			32			---			---			---
2			17			554			---			727
3			20			429			---			---
4			36			365			---			447
5			35			304			---			404
6			30			351			556			533
7			30			350			463			468
8			34			360			342			364
9			21			384			321			---
10			17			370			365			428
11			27			292			359			---
12			34			324			402			---
13			27			220			425			---
14			8			287			385			809
15			14			237			---			508
16			26			246			---			476
17			113			309			---			497
18			145			352			325			432
19			78			359			---			355
20			126			343			---			395
21			---			364			---			346
22			445			376			---			318
23			---			480			---			463
24			---			424			---			608
25			---			478			---			571
26			---			486			642			344
27			---			441			---			259
28			---			---			---			584
29			---			439			---			478
30			---			---			---			497
31			---						---			332
MONTH			63			368			417			466

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306200 PICEANCE CREEK BL RYAN GULCH, NR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395516 LONGITUDE 1081749 DRAINAGE AREA 506.00 DATUM 6070.00 STATE 08 COUNTY 103

SEDIMENT, SUSPENDED CONCENTRATION (MG/L), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1			441			---			342			2710
2			979			---			---			2380
3			491			---			396			2420
4			416			---			372			2360
5			356			408			367			2440
6			415			395			409			2350
7			361			389			356			2830
8			---			361			294			3450
9			---			388			298			---
10			---			368			313			---
11			---			366			321			---
12			189			---			---			3720
13			1070			414			---			3220
14			471			389			---			3180
15			629			458			---			2920
16			---			496			600			2700
17			711			---			900			---
18			2860			382			---			---
19			2500			428			---			2450
20			1270			446			---			1690
21			---			457			3590			2060
22			---			493			4060			2010
23			---			443			3140			1840
24			---			420			2210			1740
25			---			444			1830			1850
26			---			436			1610			1740
27			---			450			1660			1580
28			---			394			1700			1520
29			---			348			1700			1330
30						326			2450			1190
31						331						1140
MONTH			877			409			1310			2260

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306200 PICEANCE CREEK BL RYAN GULCH, NR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395516 LONGITUDE 1081749 DRAINAGE AREA 506.00 DATUM 6070.00 STATE 08 COUNTY 103

SEDIMENT, SUSPENDED CONCENTRATION (MG/L), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1			890			96			342			272
2			740			457			408			266
3			690			466			441			266
4			595			111			634			237
5			540			100			994			211
6			490			57			846			192
7			460			82			675			196
8			350			87			1000			218
9			305			78			1020			226
10			345			80			860			186
11			340			70			744			138
12			328			62			800			151
13			251			84			776			143
14			235			92			777			118
15			205			102			677			87
16			183			112			---			72
17			145			94			---			81
18			163			72			---			78
19			127			62			421			121
20			117			66			407			133
21			106			55			422			---
22			52			31			430			---
23			172			87			386			---
24			118			147			425			---
25			105			234			344			---
26			62			190			281			48
27			54			175			263			69
28			45			124			354			110
29			93			114			360			139
30			82			209			324			20
31						273			315			
MONTH			280			131			562			151
YEAR	---	---	596									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306200 PICEANCE CREEK BL RYAN GULCH, NR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395516 LONGITUDE 1081749 DRAINAGE AREA 506.00 DATUM 6070.00 STATE 08 COUNTY 103

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1			.74			35			25			50
2			.37			49			25			49
3			.52			38			25			35
4			.95			33			30			30
5			.87			27			30			27
6			.81			32			30			36
7			.89			31			35			32
8			1.0			33			26			25
9			.62			34			24			25
10			.46			33			28			29
11			.71			26			28			30
12			1.0			28			26			30
13			.95			19			28			40
14			.26			25			25			76
15			.42			20			20			41
16			.91			21			20			36
17			4.0			26			20			36
18			5.1			31			19			31
19			2.7			32			15			26
20			5.8			31			20			29
21			30			31			25			25
22			37			32			30			23
23			35			41			40			34
24			35			37			40			49
25			35			39			45			40
26			35			39			49			24
27			35			33			50			17
28			35			30			50			39
29			30			26			50			31
30			35			25			50			32
31			35						50			20
MONTH			13			31			32			34

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY   PROCESS DATE IS 07-08-81

STATION NUMBER   09306200 PICEANCE CREEK BL RYAN GULCH, NR RIO BLANCO, CO.   STREAM   SOURCE AGENCY USGS
LATITUDE 395516   LONGITUDE 1081749   DRAINAGE AREA   506.00   DATUM 6070.00   STATE 08 COUNTY 103

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1			26			40			28			563
2			63			35			30			482
3			32			35			31			497
4			26			35			29			491
5			22			35			30			514
6			26			33			34			501
7			22			34			30			619
8			20			30			25			717
9			15			32			25			900
10			15			30			26			1100
11			10			31			27			1300
12			12			32			30			1400
13			69			34			30			1400
14			31			32			40			1370
15			52			37			45			1290
16			65			43			53			1200
17			71			30			83			1150
18			660			30			150			1100
19			467			34			300			1100
20			205			35			600			684
21			100			37			767			773
22			50			44			929			727
23			25			37			584			646
24			25			34			382			592
25			25			40			306			594
26			25			39			252			564
27			25			36			255			469
28			40			33			252			415
29			40			28			266			330
30						27			450			273
31						28						249
MONTH			78			34			203			775

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306200 PICEANCE CREEK BL RYAN GULCH, NR RIO BLANCO, CO. STREAM SOURCE AGENCY USGS
LATITUDE 395516 LONGITUDE 1081749 DRAINAGE AREA 506.00 DATUM 6070.00 STATE 08 COUNTY 103

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1			171			2.9			32			19
2			132			20			43			18
3			110			25			48			17
4			82			4.8			68			15
5			69			4.3			113			13
6			58			2.2			96			11
7			41			3.5			75			12
8			24			4.0			108			14
9			20			2.9			107			15
10			22			3.0			86			13
11			22			2.5			68			7.5
12			23			2.5			71			7.7
13			18			4.1			75			7.3
14			15			5.0			78			6.4
15			14			5.5			69			4.7
16			12			6.0			60			3.7
17			9.0			4.8			50			3.9
18			10			3.1			45			3.8
19			7.5			2.5			40			5.9
20			6.3			2.7			37			6.8
21			5.7			2.2			39			5.0
22			2.7			1.3			41			5.0
23			9.8			3.8			35			5.0
24			6.4			7.1			39			3.0
25			3.7			16			32			1.0
26			1.6			13			24			1.1
27			1.4			12			22			1.8
28			1.2			8.4			28			3.0
29			2.5			7.7			27			4.1
30			2.2			16			23			.52
31						24			22			
MONTH			30			7.2			55			7.8
YEAR	---	---	109									

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306222 PICEANCE CREEK AT WHITE RIVER, CO. STREAM SOURCE AGENCY USGS
LATITUDE 400439 LONGITUDE 1081408 DRAINAGE AREA 652.00 DATUM 5730.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	19.0	7.5	13.0	3.5	1.0	2.0	.5	.0	.5	.5	.5	.5
2	18.0	7.5	12.5	5.5	1.0	2.5	.5	.0	.0	1.0	.0	.5
3	17.5	8.5	12.5	6.5	1.0	3.5	.5	.0	.0	.5	.5	.5
4	17.0	5.5	11.0	6.0	2.5	4.0	.0	.0	.0	.5	.0	.5
5	17.5	6.0	11.5	7.5	2.0	4.5	.5	.0	.0	.5	.0	.5
6	17.5	6.0	11.5	7.5	2.0	4.5	.5	.0	.0	.5	.0	.5
7	18.0	6.5	12.0	7.5	4.0	5.5	.5	.0	.0	.5	.0	.5
8	17.0	6.0	11.5	8.0	4.0	5.5	.0	.0	.0	1.0	.0	.5
9	16.5	7.5	11.5	7.0	3.5	5.0	.5	.0	.0	.0	.0	.0
10	16.5	6.0	10.5	7.0	2.0	4.5	.5	.0	.0	.0	.0	.0
11	16.0	6.0	10.5	6.0	2.5	4.0	.0	.0	.0	.5	.0	.5
12	14.5	6.0	9.5	---	---	---	.5	.0	.5	.5	.0	.0
13	16.0	5.5	10.5	---	---	---	.5	.0	.5	.5	.0	.0
14	11.5	6.5	9.0	6.0	1.5	4.0	.5	.0	.5	.0	.0	.0
15	15.5	6.0	10.5	5.5	.5	2.0	.5	.0	.5	.5	.0	.0
16	15.5	8.5	11.5	4.5	.5	2.0	.5	.0	.0	2.5	.0	.5
17	13.0	5.5	9.5	4.0	.5	2.0	.5	.0	.0	4.0	2.0	3.0
18	14.0	8.5	11.0	6.0	3.0	4.0	.5	.0	.0	3.5	1.5	2.5
19	13.0	9.0	11.0	4.5	.5	2.5	.5	.0	.0	---	---	---
20	10.0	6.5	8.0	3.0	.0	1.0	.5	.0	.0	---	---	---
21	9.0	6.0	7.0	1.0	.0	.5	.5	.0	.0	---	---	---
22	9.5	4.0	7.0	.5	.0	.0	.5	.0	.0	---	---	---
23	10.5	5.0	7.5	.0	.0	.0	.5	.0	.0	.5	.0	.0
24	10.0	5.5	7.5	.5	.0	.0	.5	.0	.0	.5	.0	.0
25	11.5	5.5	8.0	.5	.0	.0	.5	.0	.0	.5	.0	.0
26	10.5	6.0	8.0	.5	.0	.0	.5	.0	.0	.0	.0	.0
27	10.5	6.0	8.0	.0	.0	.0	.5	.0	.5	.5	.0	.0
28	9.0	4.5	6.5	.5	.0	.0	.5	.0	.5	.0	.0	.0
29	6.5	3.5	5.0	.5	.0	.0	1.0	.0	.5	.0	.0	.0
30	6.5	1.5	3.5	.5	.5	.5	.5	.0	.5	.5	.0	.0
31	5.0	1.0	2.5	---	---	---	.5	.5	.5	.5	.0	.5
MONTH	19.0	1.0	9.5	8.0	.0	2.5	1.0	.0	.0	4.0	.0	.5

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY   PROCESS DATE IS 07-08-81

STATION NUMBER   09306222 PICEANCE CREEK AT WHITE RIVER, CO.   STREAM   SOURCE AGENCY USGS
LATITUDE 400439   LONGITUDE 1081408   DRAINAGE AREA   652.00   DATUM 5730.00   STATE 08   COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	.5	.0	.0	8.5	2.5	5.0	10.0	2.5	5.5	14.5	9.0	11.5
2	.0	.0	.0	6.5	2.0	4.0	6.5	4.0	5.0	14.0	7.0	10.5
3	.0	.0	.0	5.5	3.0	4.5	9.5	2.0	6.5	14.0	8.5	11.0
4	.5	.0	.0	7.5	3.0	5.0	11.5	5.5	8.5	14.5	8.5	11.5
5	.5	.0	.0	7.5	3.0	5.0	12.5	5.5	8.5	15.5	8.5	11.5
6	.5	.0	.0	5.0	3.5	4.5	10.5	6.5	8.0	14.0	9.0	11.5
7	3.0	.0	1.0	5.5	.5	3.5	9.0	4.5	6.5	12.0	10.0	11.0
8	1.0	.5	.5	8.5	3.0	5.5	11.0	2.0	6.5	13.0	8.5	10.5
9	1.0	.5	.5	9.0	2.5	5.5	7.0	4.5	5.5	13.0	9.5	11.0
10	1.0	.5	.5	9.5	2.5	6.0	---	---	---	12.5	8.5	10.5
11	1.0	.5	.5	8.0	2.5	5.0	---	---	---	11.5	8.0	10.5
12	1.0	.5	.5	8.0	2.5	5.0	---	---	---	8.0	6.0	7.5
13	.5	.0	.5	9.0	2.5	5.0	---	---	---	12.0	6.0	8.5
14	.5	.0	.0	10.0	2.5	6.0	---	---	---	11.5	8.0	10.0
15	1.0	.0	.0	8.5	4.0	6.5	---	---	---	14.0	8.0	11.5
16	5.5	1.5	3.5	7.0	2.5	4.5	---	---	---	13.0	9.0	11.0
17	5.0	3.0	4.0	7.5	1.0	3.5	16.5	5.0	10.5	12.0	7.5	10.0
18	4.0	1.5	3.0	9.0	.5	4.5	17.0	6.0	11.5	14.5	7.5	11.5
19	5.0	1.0	3.0	11.5	4.0	7.5	13.5	7.0	10.0	15.5	10.0	13.5
20	4.0	3.0	3.5	11.5	4.0	7.5	15.5	7.5	10.5	16.5	11.5	14.0
21	6.0	3.5	4.5	10.5	4.0	7.0	16.0	7.5	11.5	18.0	12.5	15.5
22	6.5	3.0	4.5	9.0	5.5	7.0	14.5	9.5	11.5	18.5	16.5	18.0
23	5.0	2.0	4.0	10.0	4.0	7.0	14.5	8.0	11.0	17.5	6.5	15.5
24	6.5	.5	3.0	10.0	5.0	7.5	14.5	9.5	11.5	14.5	12.0	13.0
25	6.5	.5	3.0	7.5	3.5	6.0	15.5	7.0	11.0	12.0	9.5	10.5
26	7.0	1.0	4.0	9.5	2.0	5.5	16.5	7.5	11.5	14.5	9.0	11.0
27	8.0	1.5	4.5	9.5	2.0	5.5	17.0	7.5	12.0	15.0	10.5	13.0
28	7.5	2.5	5.0	6.5	3.5	5.0	16.0	8.0	12.0	16.5	12.0	14.0
29	6.5	4.5	5.0	10.0	3.0	6.0	14.0	8.5	11.5	---	---	---
30	---	---	---	6.0	2.5	4.5	14.0	9.5	11.5	---	---	---
31	---	---	---	7.0	1.5	4.0	---	---	---	---	---	---
MONTH	8.0	.0	2.0	11.5	.5	5.5	17.0	2.0	9.5	18.5	6.0	12.0

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306222 PICEANCE CREEK AT WHITE RIVER, CO. STREAM SOURCE AGENCY USGS
LATITUDE 400439 LONGITUDE 1081408 DRAINAGE AREA 652.00 DATUM 5730.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1				---	---	---	23.0	16.0	19.5	19.5	8.5	14.0
2				---	---	---	24.5	15.5	20.0	20.5	9.5	15.0
3				---	---	---	22.0	14.5	18.5	21.0	10.5	16.0
4				---	---	---	22.5	12.5	17.5	21.5	11.0	16.0
5				---	---	---	22.5	12.5	17.5	21.0	10.5	16.0
6				---	---	---	23.0	14.0	18.5	20.0	13.0	16.5
7				---	---	---	25.0	14.0	19.5	19.5	14.5	17.0
8				26.5	16.5	20.0	24.0	14.5	19.0	17.5	14.0	15.5
9				26.5	14.5	20.5	22.5	16.0	19.5	16.0	13.5	15.0
10				26.0	15.5	20.5	23.5	13.5	18.5	17.5	13.5	15.5
11				24.5	16.5	20.5	23.5	12.0	17.5	17.0	10.0	13.5
12				24.5	14.5	19.5	21.0	11.5	16.5	20.0	12.0	15.5
13				23.0	16.5	19.0	22.0	13.5	18.0	20.0	11.0	15.0
14				25.0	13.5	18.5	22.5	15.0	18.5	19.0	9.0	14.0
15				26.5	11.5	19.0	22.5	16.0	19.0	19.0	8.5	14.0
16				28.0	13.0	20.0	22.0	13.0	17.5	20.5	11.5	15.5
17				27.0	13.5	20.0	21.5	13.0	17.5	19.5	8.5	14.0
18				27.0	15.0	21.0	21.5	12.0	16.5	19.0	8.0	14.0
19				24.5	14.0	19.5	18.5	11.5	15.0	18.0	11.5	14.5
20				26.5	13.0	19.5	21.0	10.0	15.5	19.5	10.5	14.5
21				26.5	13.5	20.0	21.5	10.0	16.0	14.5	7.5	11.5
22				26.5	14.0	20.0	21.0	10.5	16.0	16.5	6.5	11.0
23				23.5	15.0	19.0	20.5	13.5	17.0	16.0	5.5	10.5
24				23.5	14.0	19.0	20.5	15.5	17.5	17.0	6.0	11.0
25				24.0	14.5	19.0	19.5	14.0	17.0	16.5	5.5	11.0
26				24.0	13.5	19.0	22.5	13.0	17.5	17.0	5.5	11.0
27				25.5	14.5	20.0	21.0	13.0	17.0	17.5	6.5	12.0
28				26.0	14.5	20.0	22.0	12.5	17.0	17.0	7.0	12.0
29				23.5	14.0	19.0	20.0	13.0	16.5	17.5	7.0	12.0
30				25.0	16.0	20.0	17.0	10.0	13.5	17.5	6.5	11.5
31				24.5	14.5	19.5	16.0	9.5	13.0	---	---	---
MONTH				28.0	11.5	19.5	25.0	9.5	17.5	21.5	5.5	14.0
YEAR	28.0	.0	8.0									

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306222 PICEANCE CREEK AT WHITE RIVER, CO. STREAM SOURCE AGENCY USGS
LATITUDE 400439 LONGITUDE 1081408 DRAINAGE AREA 652.00 DATUM 5730.00 STATE 08 COUNTY 103

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1			7.1			37			29			38
2			6.9			39			29			38
3			6.6			38			29			38
4			6.8			38			29			38
5			6.8			38			29			38
6			6.7			38			29			38
7			6.5			37			29			38
8			6.3			38			29			38
9			7.1			38			29			38
10			7.2			37			29			38
11			7.7			36			31			38
12			7.6			35			34			38
13			9.1			34			35			38
14			9.8			34			35			38
15			8.8			34			35			38
16			10			34			35			38
17			11			34			35			42
18			11			34			35			38
19			11			34			35			36
20			14			34			35			34
21			20			33			35			30
22			29			28			35			27
23			35			28			35			27
24			35			29			35			27
25			43			31			35			27
26			43			33			35			27
27			40			33			35			27
28			39			29			35			25
29			41			29			35			23
30			42			29			35			23
31			39						38			23
MONTH			19			34			33			34

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306222 PICEANCE CREEK AT WHITE RIVER, CO. STREAM SOURCE AGENCY USGS
LATITUDE 400439 LONGITUDE 1081408 DRAINAGE AREA 652.00 DATUM 5730.00 STATE 08 COUNTY 103

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1			23			36			30			95
2			23			34			29			93
3			23			34			27			96
4			23			36			27			98
5			23			36			28			100
6			23			37			30			100
7			23			39			32			97
8			23			39			33			117
9			24			38			34			135
10			25			38			36			144
11			29			38			37			143
12			33			39			39			166
13			37			37			41			183
14			42			37			43			186
15			45			38			46			182
16			51			41			50			171
17			68			36			54			159
18			96			38			58			150
19			111			39			79			160
20			102			39			95			155
21			51			41			100			151
22			39			43			105			151
23			35			39			91			146
24			31			37			79			149
25			28			38			73			149
26			31			39			67			148
27			36			35			65			134
28			45			34			64			120
29			43			32			66			113
30						31			82			102
31						31						98
MONTH			41			37			55			135

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306222 PICEANCE CREEK AT WHITE RIVER, CO. STREAM SOURCE AGENCY USGS
LATITUDE 400439 LONGITUDE 1081408 DRAINAGE AREA 652.00 DATUM 5730.00 STATE 08 COUNTY 103

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1			84			4.2			35			33
2			81			17			40			34
3			68			43			40			30
4			58			29			37			30
5			52			25			37			31
6			50			21			38			27
7			45			18			32			28
8			39			21			33			32
9			35			17			32			22
10			30			14			31			22
11			28			13			27			21
12			23			14			23			21
13			21			15			27			21
14			18			17			30			21
15			15			14			34			22
16			20			15			32			21
17			20			18			29			21
18			17			14			27			20
19			13			15			28			20
20			20			21			29			20
21			17			22			33			21
22			18			22			34			21
23			16			21			33			25
24			12			27			38			23
25			12			32			36			18
26			9.7			33			37			16
27			7.0			33			33			16
28			6.5			32			30			20
29			5.9			29			29			21
30			5.6			31			28			19
31						35			28			
MONTH			28			22			32			23
YEAR	---	---	41									

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306222 PICEANCE CREEK AT WHITE RIVER, CO. STREAM SOURCE AGENCY USGS
LATITUDE 400439 LONGITUDE 1081408 DRAINAGE AREA 652.00 DATUM 5730.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	2700	2500	2590	1750	1630	1680	2150	1900	2050	---	---	---
2	2590	2480	2540	1740	1600	1650	2110	1950	2030	---	---	---
3	2590	2510	2550	1750	1600	1650	1970	1770	1880	---	---	---
4	2590	2480	2530	1720	1620	1650	1810	1750	1790	---	---	---
5	2620	2520	2560	1750	1590	1650	1760	1680	1730	---	---	---
6	2630	2550	2590	1720	1580	1640	1770	1630	1700	---	---	---
7	2680	2580	2620	1710	1630	1660	1750	1670	1730	---	---	---
8	2710	2610	2650	1730	1640	1670	1770	1730	1750	---	---	---
9	2660	2580	2610	1710	1630	1660	1910	1740	1830	---	---	---
10	2650	2570	2610	1700	1600	1650	2000	1750	1910	1950	1820	1860
11	2650	2550	2600	1690	1620	1650	1940	1860	1900	2300	1760	2010
12	2600	2530	2570	---	---	---	2320	2000	2200	2360	1720	1990
13	2580	2500	2530	---	---	---	2380	2040	2220	1920	1730	1830
14	2510	2460	2490	1740	1620	1660	2330	2160	2260	1970	1830	1900
15	2570	2480	2520	1750	1620	1660	2240	2000	2150	2010	1920	1950
16	2510	2400	2470	1730	1590	1660	2050	1900	1990	2100	1980	2020
17	2420	2400	2400	1740	1590	1660	1970	1870	1930	2110	2090	2100
18	2500	2370	2410	1730	1650	1690	2020	1850	1950	2100	1980	2070
19	2470	2370	2440	1690	1580	1640	2010	1820	1920	---	---	---
20	2860	2390	2420	1650	1560	1590	1970	1650	1810	---	---	---
21	2440	2270	2340	---	---	---	1780	1610	1710	---	---	---
22	2210	2050	2060	---	---	---	1680	1570	1640	---	---	---
23	2060	1890	1960	---	---	---	1630	1560	1600	1900	1600	1760
24	1950	1840	1890	---	---	---	1790	1600	1690	1870	1590	1720
25	1840	1720	1780	---	---	---	1810	1540	1660	1760	1570	1650
26	1790	1710	1740	---	---	---	1820	1530	1690	1770	1670	1720
27	1780	1730	1750	---	---	---	1730	1530	1620	2110	1750	1780
28	1810	1730	1760	1910	1650	1800	1610	1530	1590	1830	1740	1790
29	1800	1720	1760	2170	1960	2050	1970	1570	1700	1920	1640	1800
30	1730	1640	1680	2270	1910	2080	2010	1580	1790	1750	1620	1680
31	1750	1600	1670	---	---	---	2110	1630	2090	1990	1690	1830
MONTH	2860	1600	2290	2270	1560	1700	2380	1530	1860	2360	1570	1860

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306222 PICEANCE CREEK AT WHITE RIVER, CO. STREAM SOURCE AGENCY USGS
LATITUDE 400439 LONGITUDE 1081408 DRAINAGE AREA 652.00 DATUM 5730.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	1760	1520	1670	1920	1800	1880	1800	1740	1760	1080	1010	1040
2	---	---	---	1910	1860	1880	1770	1730	1750	1080	1020	1050
3	---	---	---	1880	1830	1860	1770	1670	1720	1070	1010	1040
4	---	---	---	1830	1770	1800	1780	1730	1760	1040	1010	1030
5	1780	1640	1720	1790	1700	1760	1780	1690	1750	1040	990	1020
6	1740	1660	1700	1790	1730	1760	1760	1700	1740	1140	994	1030
7	1750	1630	1720	1770	1650	1720	1730	1700	1710	1060	1020	1040
8	2050	1670	1840	1920	1730	1810	1760	1700	1730	1050	970	997
9	2490	1830	2110	1940	1860	1900	1740	1720	1740	1030	980	1010
10	2200	1900	2040	1920	1830	1880	1780	1690	1750	1010	956	976
11	2170	1690	1890	1850	1780	1820	1690	1660	1680	1080	975	1050
12	2010	1640	1820	1820	1750	1780	1770	1610	1660	1080	746	981
13	1940	1530	1700	1820	1750	1780	1760	1610	1670	1020	558	829
14	1650	1560	1610	1830	1740	1780	1720	1630	1660	1070	543	855
15	1650	963	1210	1760	1690	1730	1690	1580	1620	1090	903	1000
16	1610	1430	1540	1700	1650	1660	1680	1520	1580	1120	1040	1030
17	1550	1440	1510	1920	1400	1700	1640	1450	1560	1120	1050	1070
18	1480	902	1240	1800	1270	1710	1580	1370	1490	1070	1020	1050
19	1080	589	928	1780	1730	1750	1410	1130	1310	1080	1050	1060
20	1420	1030	1170	1740	1700	1720	1220	949	1100	1110	1070	1090
21	1920	1450	1700	1740	1680	1710	1150	812	990	1120	1090	1110
22	1920	1830	1880	1710	1670	1680	1050	816	931	1150	1120	1130
23	1940	1870	1910	1750	1670	1710	1070	865	1000	1140	1090	1130
24	1890	1730	1830	1750	1710	1730	1170	1000	1110	1140	1050	1110
25	1730	1630	1690	1730	1660	1700	1170	1060	1130	1150	1100	1130
26	1950	1500	1630	1780	1640	1710	1200	1120	1160	1190	1090	1150
27	1950	1770	1870	1840	1750	1790	1180	1110	1150	1230	1080	1180
28	1870	1550	1700	1820	1740	1780	1180	1110	1150	1250	1190	1220
29	1830	1610	1750	1780	1730	1750	1180	1130	1150	1330	1260	1280
30	---	---	---	1760	1700	1740	1230	1080	1150	1400	1300	1350
31	---	---	---	1770	1700	1730	---	---	---	1420	1330	1390
MONTH	2490	589	1670	1940	1270	1760	1800	812	1460	1420	543	1080

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306222 PICEANCE CREEK AT WHITE RIVER, CO. STREAM SOURCE AGENCY USGS
LATITUDE 400439 LONGITUDE 1081408 DRAINAGE AREA 652.00 DATUM 5730.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	1500	1400	1450	5050	2530	3490	1830	1580	1710	1840	1700	1790
2	1560	1480	1520	4860	2360	3030	1750	1660	1700	1790	1670	1750
3	1630	1520	1590	2480	2330	2430	1710	1650	1670	1800	1710	1760
4	1710	1610	1650	2580	2390	2490	1670	1630	1660	1900	1740	1810
5	1810	1650	1700	2530	2320	2460	1680	1620	1650	1950	1860	1910
6	1820	1710	1740	2490	2320	2410	1650	1610	1620	2210	1840	1920
7	1900	1780	1830	2440	2340	2390	1680	1620	1650	2050	1850	1950
8	2020	1830	1930	2530	2310	2390	1740	1620	1680	2580	1850	1870
9	2090	1960	2010	2550	2370	2480	1700	1630	1660	1890	1650	1770
10	2280	1980	2140	2600	2300	2500	1720	1650	1680	1920	1830	1870
11	2440	2200	2330	2650	2260	2400	1760	1640	1700	1970	1840	1920
12	3580	2370	2590	2570	2430	2510	1780	1680	1740	2020	1960	1990
13	3130	2660	2880	2570	2420	2460	1700	1630	1660	2000	1930	1970
14	2840	2610	2700	2460	2190	2330	1670	1600	1640	2020	1950	1980
15	2870	2520	2730	2570	2180	2410	1870	1320	1640	2010	1930	1960
16	2580	2350	2450	2450	2230	2370	1650	1600	1630	2030	1940	2000
17	2620	2450	2530	2290	2210	2250	1680	1630	1660	2010	1910	1970
18	2620	2450	2530	2390	2280	2350	1730	1640	1680	2010	1880	1970
19	3000	2540	2810	2540	2160	2390	1850	1780	1800	2050	1740	1990
20	3200	2450	2570	2320	2160	2260	1880	1620	1780	2050	1990	2020
21	2620	2430	2560	2280	2060	2210	1800	1670	1730	2030	1970	2010
22	2590	2410	2490	2250	2110	2190	1710	1610	1660	2040	1940	1980
23	2650	2470	2560	2190	1920	2110	1850	1620	1750	2020	1940	1980
24	2680	2440	2550	2100	1830	1940	1820	1590	1630	2130	1960	2020
25	2710	2430	2610	1970	1870	1930	1660	1570	1610	2230	2100	2170
26	2980	2590	2810	1980	1890	1930	1650	1600	1620	2330	2200	2230
27	3020	2770	2870	1990	1830	1910	1710	1660	1690	2270	2150	2220
28	2890	2700	2810	1960	1840	1900	1800	1710	1750	2220	2110	2160
29	2970	2760	2850	1920	1840	1890	1810	1730	1780	2190	2060	2120
30	3170	2740	2940	1900	1810	1870	1860	1760	1820	2300	2080	2150
31	---	---	---	1880	1750	1820	1910	1720	1830	---	---	---
MONTH	3580	1400	2360	5050	1750	2310	1910	1320	1690	2580	1650	1970
YEAR	5050	543	1840									

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306255 YELLOW CREEK NEAR WHITE RIVER, CO. STREAM SOURCE AGENCY USGS
LATITUDE 401007 LONGITUDE 1082402 DRAINAGE AREA 262.00 DATUM 5535.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	1.5	.0	.5	.5	.0	.0	2.5	.0	1.0
2	---	---	---	6.5	.0	1.5	.5	.0	.0	2.5	1.0	1.5
3	---	---	---	7.5	.5	2.0	.5	.0	.5	2.0	.0	1.0
4	---	---	---	8.5	.5	3.0	.5	.0	.0	3.0	.5	1.5
5	---	---	---	10.5	.5	3.5	.5	.0	.0	2.5	.0	1.0
6	---	---	---	9.0	.5	3.5	.5	.0	.0	2.0	.0	.5
7	---	---	---	8.0	1.5	4.5	.5	.0	.5	1.0	.0	.0
8	---	---	---	10.0	1.0	4.5	2.5	.5	1.5	3.0	.0	1.5
9	19.5	4.5	13.0	8.5	1.0	4.0	3.0	.5	1.0	4.0	1.0	2.0
10	19.5	2.5	9.5	8.5	.5	3.0	3.0	.0	1.0	4.0	.0	2.5
11	19.0	2.5	9.0	7.0	.5	3.0	2.5	.5	1.0	---	---	---
12	16.0	2.0	8.0	8.0	.5	2.0	.5	.0	.0	---	---	---
13	19.0	2.0	9.5	7.0	.5	1.5	.5	.0	.0	---	---	---
14	13.0	3.5	8.0	6.5	.0	1.5	.5	.0	.0	3.5	.0	3.0
15	17.5	2.5	9.5	5.0	.0	1.0	.5	.0	.5	5.0	2.5	3.5
16	18.0	5.5	10.5	4.5	.0	1.0	.5	.0	.5	4.5	2.5	3.0
17	15.5	1.5	8.0	3.0	.5	1.5	.5	.0	.5	5.0	2.0	3.0
18	16.5	6.0	10.5	7.5	.5	3.5	.5	.0	.5	4.5	1.0	2.5
19	17.5	8.0	10.5	4.0	.5	1.0	.5	.0	.5	2.0	.0	.5
20	8.0	3.0	5.5	.5	.0	.0	.5	.0	.5	.0	.0	.0
21	10.0	2.0	5.5	.5	.0	.5	2.0	.0	.5	.0	.0	.0
22	12.5	.0	5.0	.5	.0	.0	3.0	2.0	2.5	.0	.0	.0
23	14.5	.0	6.5	.5	.0	.0	3.5	1.5	2.5	.0	.0	.0
24	12.5	1.5	6.0	.5	.0	.5	2.5	.5	1.0	.0	.0	.0
25	15.0	1.0	7.0	.5	.5	.5	3.0	.5	1.0	1.0	.0	.0
26	14.5	2.0	7.5	.5	.0	.5	1.0	.5	.5	.0	.0	.0
27	14.0	1.5	6.5	.5	.0	.0	2.5	.5	1.5	.0	.0	.0
28	11.5	.0	5.0	.0	.0	.0	3.0	1.5	2.0	.0	.0	.0
29	5.5	.5	3.0	.5	.0	.0	2.0	.5	.5	.0	.0	.0
30	8.5	.5	2.5	.5	.0	.0	2.5	.5	.5	.0	.0	.0
31	5.0	.0	1.0	---	---	---	.5	.0	.0	.5	.0	.0
MONTH	19.5	.0	7.5	10.5	.0	1.5	3.5	.0	.5	5.0	.0	1.0

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306255 YELLOW CREEK NEAR WHITE RIVER, CO. STREAM SOURCE AGENCY USGS
LATITUDE 401007 LONGITUDE 1082402 DRAINAGE AREA 262.00 DATUM 5535.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	.0	.0	.0	---	---	---	14.0	.5	5.5			
2	.0	.0	.0	---	---	---	8.0	.5	3.5			
3	2.0	.0	.5	---	---	---	14.0	.5	5.5			
4	3.5	.5	2.0	---	---	---	19.5	2.5	9.0			
5	2.0	.0	.5	---	---	---	18.5	2.0	8.0			
6	3.5	.0	1.0	---	---	---	16.5	3.0	7.5			
7	---	---	---	---	---	---	15.5	1.0	6.0			
8	.5	.0	.0	---	---	---	18.0	.5	6.5			
9	.5	.0	.0	---	---	---	20.0	.5	8.5			
10	.5	.0	.5	---	---	---	16.5	4.0	8.0			
11	.5	.0	.5	---	---	---	9.5	1.0	5.0			
12	.5	.0	.5	---	---	---	12.0	.5	6.5			
13	.5	.0	.5	10.0	.5	5.0	17.0	6.0	10.0			
14	3.0	.0	1.5	13.5	.0	4.5	19.5	2.5	10.0			
15	5.5	2.0	3.5	11.0	1.0	5.0	20.0	2.5	9.5			
16	6.0	1.5	3.0	7.5	.0	3.5	21.5	1.0	10.0			
17	5.0	1.5	3.0	8.0	.0	5.0	23.0	.0	11.0			
18	1.5	.0	.5	---	---	---	24.0	3.0	12.0			
19	.5	.0	.0	---	---	---	25.0	3.0	13.0			
20	1.5	.0	.5	16.0	2.5	7.5	24.5	5.5	13.0			
21	4.5	.0	1.5	15.5	.5	6.0	22.0	6.5	12.0			
22	---	---	---	9.0	1.5	5.0	20.5	7.5	12.0			
23	---	---	---	15.5	2.5	7.0	20.0	6.5	11.5			
24	---	---	---	15.0	3.0	7.5	11.0	9.0	9.5			
25	---	---	---	7.0	1.5	4.0	---	---	---			
26	---	---	---	16.0	1.0	6.0	---	---	---			
27	---	---	---	17.0	.5	6.0	---	---	---			
28	---	---	---	8.5	1.5	4.5	---	---	---			
29	---	---	---	16.5	2.0	7.0	---	---	---			
30	---	---	---	8.0	.5	3.0	---	---	---			
31	---	---	---	12.5	.5	4.5	---	---	---			
MONTH	6.0	.0	1.0	17.0	.0	5.5	25.0	.0	9.0			

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306255 YELLOW CREEK NEAR WHITE RIVER, CO. STREAM SOURCE AGENCY USGS
LATITUDE 401007 LONGITUDE 1082402 DRAINAGE AREA 262.00 DATUM 5535.00 STATE 08 COUNTY 103

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	30.0	14.0	20.0	28.0	12.5	19.0	24.5	6.0	14.0
2	---	---	---	25.5	14.5	18.0	29.5	13.0	20.5	25.5	6.0	14.5
3	---	---	---	28.5	11.5	19.0	27.0	10.5	17.5	25.5	7.5	15.5
4	---	---	---	31.0	10.5	19.5	27.0	8.5	17.0	26.5	7.5	15.5
5	28.0	9.5	12.0	30.0	8.0	18.0	28.0	8.5	17.5	26.5	7.0	15.5
6	27.0	5.5	14.5	31.0	7.0	18.5	28.5	11.0	19.0	25.0	9.0	15.5
7	29.0	5.5	16.0	24.5	10.5	17.5	29.0	10.5	19.5	22.5	11.0	15.5
8	30.0	5.5	16.5	27.5	12.5	19.5	29.0	10.5	19.0	19.0	12.0	14.5
9	31.5	6.0	17.5	31.0	11.0	20.0	28.5	13.5	20.0	17.5	10.5	14.0
10	26.0	7.0	15.5	27.5	12.0	19.0	28.5	10.5	18.5	19.0	12.0	15.0
11	28.0	9.0	16.0	28.5	12.5	20.0	29.5	7.5	17.5	18.5	8.0	13.0
12	23.5	7.5	15.0	26.5	11.5	18.5	26.0	7.5	15.5	25.0	10.0	15.5
13	23.5	7.5	15.0	24.5	14.0	17.0	28.5	11.5	18.5	24.5	9.5	15.5
14	22.0	7.0	14.5	27.0	11.0	18.0	25.5	12.5	19.0	21.5	6.5	13.5
15	23.0	7.5	15.0	28.5	9.0	18.0	26.0	14.0	18.0	23.0	6.0	14.0
16	28.5	7.0	16.5	31.0	9.5	19.0	26.5	10.0	17.5	24.0	9.5	15.0
17	24.5	7.5	16.0	30.0	10.0	19.5	28.0	10.0	18.0	23.5	6.5	14.0
18	30.5	10.0	19.5	30.0	12.0	20.5	26.5	10.0	17.0	23.0	6.0	14.0
19	27.5	10.5	18.0	29.0	11.5	19.5	23.5	12.0	17.0	21.5	10.0	14.0
20	28.0	9.0	18.0	30.0	10.0	19.0	25.5	7.0	15.0	23.5	8.5	14.5
21	31.5	8.5	18.5	31.0	9.5	19.5	26.5	6.5	15.5	21.0	5.0	12.0
22	31.0	8.5	18.5	29.5	9.5	19.0	24.5	7.0	15.5	21.5	3.5	11.0
23	27.5	8.0	17.0	31.0	12.0	19.0	24.0	12.0	17.0	20.0	2.5	10.0
24	30.5	7.5	18.0	30.5	16.0	19.0	23.5	13.0	17.0	20.0	3.5	11.0
25	30.5	7.5	18.0	30.0	11.0	19.0	21.0	11.5	15.5	21.5	2.5	10.5
26	29.5	8.5	18.0	29.5	10.0	19.0	28.0	9.5	17.0	20.5	3.5	11.0
27	28.5	9.0	18.0	30.5	9.5	19.5	26.0	9.0	16.0	21.5	4.5	12.0
28	30.5	6.5	17.5	30.0	10.0	19.0	26.0	8.5	16.0	21.5	4.5	12.0
29	29.0	7.5	18.0	28.0	9.5	17.5	24.5	10.0	15.5	22.0	5.0	12.5
30	28.5	13.0	19.0	29.5	13.0	20.5	23.0	7.0	13.5	21.5	4.0	11.5
31	---	---	---	29.5	11.5	20.0	21.5	6.5	13.0	---	---	---
MONTH	31.5	5.5	17.0	31.0	7.0	19.0	29.5	6.5	17.0	26.5	2.5	13.5
YEAR	31.5	.0	9.0									

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306255 YELLOW CREEK NEAR WHITE RIVER, CO. STREAM SOURCE AGENCY USGS
LATITUDE 401007 LONGITUDE 1082402 DRAINAGE AREA 262.00 DATUM 5535.00 STATE 08 COUNTY 103

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1			1.5			3.9			2.5			2.3
2			1.5			3.4			2.6			2.2
3			1.3			3.4			2.4			2.2
4			1.3			3.7			2.5			2.3
5			1.5			3.9			2.5			2.3
6			1.3			3.7			2.5			2.4
7			1.2			3.8			2.4			2.6
8			1.2			3.9			2.4			2.6
9			1.2			3.4			2.4			2.6
10			1.2			3.6			2.4			2.4
11			1.2			3.4			2.4			3.2
12			1.2			3.2			2.4			3.2
13			1.2			2.9			2.4			2.9
14			1.2			3.2			2.4			2.6
15			1.2			3.4			2.3			2.6
16			1.4			3.0			2.3			2.6
17			1.6			2.4			2.1			3.0
18			19			2.2			2.1			2.5
19			200			2.4			2.2			2.4
20			73			2.3			2.4			2.4
21			19			2.3			2.4			2.7
22			4.6			2.8			2.4			2.9
23			3.3			2.5			2.4			2.8
24			2.6			2.4			2.3			2.8
25			2.4			2.5			2.2			2.7
26			3.2			2.6			2.1			2.6
27			5.8			2.4			2.0			2.5
28			7.2			2.4			2.0			2.4
29			6.5			2.4			2.1			2.4
30						2.5			2.4			2.5
31						2.6						2.6
MONTH			13			3.0			2.3			2.6

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY   PROCESS DATE IS 07-08-81

STATION NUMBER   09306255 YELLOW CREEK NEAR WHITE RIVER, CO.   STREAM   SOURCE AGENCY USGS
LATITUDE 401007   LONGITUDE 1082402   DRAINAGE AREA 262.00   DATUM 5535.00   STATE 08 COUNTY 103

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1			2.6			2.4			1.6			2.2
2			2.6			2.5			1.5			2.1
3			2.5			2.3			1.5			2.1
4			2.6			2.1			1.4			2.0
5			2.5			1.9			1.4			2.0
6			2.6			1.9			1.5			2.0
7			2.6			1.9			1.5			2.1
8			2.6			2.0			1.5			2.3
9			2.6			2.1			1.5			2.3
10			2.5			2.0			1.4			2.3
11			2.6			2.0			1.5			2.6
12			2.5			2.0			1.4			2.3
13			2.5			2.1			1.5			2.2
14			2.5			2.1			1.6			2.2
15			2.4			1.9			2.2			2.2
16			2.4			1.8			1.7			2.1
17			2.4			1.8			1.7			2.1
18			2.3			1.7			1.7			2.2
19			2.2			1.7			1.8			2.1
20			2.2			1.7			1.9			2.2
21			2.1			1.6			1.9			2.2
22			2.1			1.6			1.8			2.2
23			2.1			1.7			2.0			2.2
24			2.1			1.7			2.0			2.2
25			2.1			1.7			3.2			2.2
26			2.1			1.6			2.3			2.2
27			2.2			1.6			2.2			2.2
28			2.2			1.6			2.1			2.2
29			2.3			1.5			2.1			2.2
30			2.3			1.6			2.1			2.2
31						1.6			2.2			
MONTH			2.4			1.9			1.8			2.2
YEAR	---	---	2.9									

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306255 YELLOW CREEK NEAR WHITE RIVER, CO. STREAM SOURCE AGENCY USGS
LATITUDE 401007 LONGITUDE 1082402 DRAINAGE AREA 262.00 DATUM 5535.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	3760	2860	3360	3490	3210	3330	3620	3550	3600
2	---	---	---	3700	2850	3340	3380	3180	3280	3590	3530	3570
3	---	---	---	3770	2920	3350	3250	3120	3210	3600	3470	3550
4	---	---	---	3700	3110	3350	3330	3210	3270	3540	3480	3510
5	---	---	---	3860	3150	3360	3590	3150	3340	3570	3460	3490
6	---	---	---	3700	3140	3380	3260	3120	3190	3630	3330	3510
7	---	---	---	3430	3350	3400	3250	3110	3200	3590	3340	3470
8	---	---	---	3410	3330	3380	3370	3180	3280	3470	3440	3460
9	3250	3150	3180	3410	3310	3380	3480	3260	3390	3460	3290	3400
10	3270	3180	3200	3590	3170	3350	3550	3310	3430	3330	3210	3270
11	3270	3180	3220	3420	3250	3330	3620	3270	3430	---	---	---
12	3300	3180	3220	3600	3000	3320	3680	3320	3530	---	---	---
13	3310	3200	3240	3620	2940	3340	3690	3400	3550	---	---	---
14	3340	3220	3270	3720	3280	3330	3670	3410	3570	3030	2290	2760
15	3340	3230	3260	3790	2810	3330	3680	3440	3570	3310	3070	3220
16	3320	3200	3260	3760	2810	3360	3740	3450	3600	3360	3310	3340
17	3290	3190	3230	3720	2870	3370	3750	3530	3630	3390	3310	3360
18	3350	3170	3220	3360	3180	3270	3830	3570	3690	3390	3270	3340
19	3280	3200	3230	3540	3100	3240	3880	3560	3720	3540	3290	3420
20	3280	2260	2970	3270	2910	3090	3720	3570	3650	3610	3170	3440
21	3310	3130	3260	3950	3020	3400	3790	3550	3650	3580	3190	3410
22	3410	3170	3270	4120	3160	3620	3660	3590	3620	3530	3210	3410
23	3390	3230	3280	3790	3290	3530	3660	3600	3630	3610	3140	3430
24	3320	3230	3260	3320	3160	3250	3700	3490	3610	3420	3230	3350
25	3370	3240	3280	3270	3150	3200	3610	3550	3580	3420	3240	3360
26	3320	3230	3270	3310	3160	3240	3690	3520	3590	3760	3270	3510
27	3280	3200	3240	3630	3300	3420	3570	3460	3550	3750	3310	3500
28	3330	3120	3210	3850	3450	3650	3590	3480	3540	3560	3330	3450
29	3230	3060	3150	3740	3360	3540	3760	3400	3570	3560	3330	3460
30	3370	3010	3230	3630	3290	3440	3690	3460	3580	3850	3430	3630
31	3670	2850	3340	---	---	---	3770	3430	3600	3830	3460	3660
MONTH	3670	2260	3230	4120	2810	3360	3880	3110	3500	3850	2290	3420

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306255 YELLOW CREEK NEAR WHITE RIVER, CO. STREAM SOURCE AGENCY USGS
LATITUDE 401007 LONGITUDE 1082402 DRAINAGE AREA 262.00 DATUM 5535.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	3660	3400	3530	---	---	---	3210	3090	3150			
2	3540	3400	3480	---	---	---	3070	2960	3040			
3	3480	3330	3440	---	---	---	3360	2810	3160			
4	3710	3480	3600	---	---	---	3470	3340	3400			
5	3650	3310	3500	---	---	---	3530	3300	3430			
6	3430	3330	3380	---	---	---	3570	3410	3480			
7	---	---	---	---	---	---	3640	3470	3560			
8	3670	3350	3450	---	---	---	3750	3150	3530			
9	3710	3470	3610	---	---	---	3770	3020	3540			
10	3590	3430	3520	---	---	---	3740	3530	3640			
11	3540	3440	3490	---	---	---	3620	3520	3580			
12	3520	3460	3490	---	---	---	3670	3180	3520			
13	3540	3480	3510	3620	3050	3420	3660	3190	3520			
14	3490	3220	3360	3670	2330	3150	3620	3340	3510			
15	3350	2770	3080	3650	2470	2930	3720	3420	3490			
16	3280	2540	2990	3710	3400	3530	3530	3360	3440			
17	3040	2760	2930	4070	3590	3780	3500	3340	3410			
18	2610	517	1540	3840	3340	3420	3550	3400	3460			
19	748	584	663	3730	3000	3540	3550	3410	3480			
20	782	613	688	3760	3310	3620	3600	3450	3500			
21	1370	738	1110	3780	3080	3590	3660	3450	3520			
22	---	---	---	3670	2750	3410	4110	3450	3510			
23	---	---	---	3720	3500	3660	3590	3410	3490			
24	---	---	---	3720	3370	3600	3510	3490	3500			
25	---	---	---	4380	3460	3610	---	---	---			
26	---	---	---	3620	3340	3540	---	---	---			
27	---	---	---	3690	3320	3500	---	---	---			
28	---	---	---	3570	3480	3520	---	---	---			
29	---	---	---	3550	3370	3450	---	---	---			
30	---	---	---	3370	3140	3300	---	---	---			
31	---	---	---	3280	3150	3210	---	---	---			
MONTH	3710	517	2920	4380	2330	3460	4110	2810	3450			

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306255 YELLOW CREEK NEAR WHITE RIVER, CO. STREAM SOURCE AGENCY USGS
LATITUDE 401007 LONGITUDE 1082402 DRAINAGE AREA 262.00 DATUM 5535.00 STATE 08 COUNTY 103

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

PROVISIONAL DATA

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	3570	3120	3400	3150	3000	3060	3010	2920	2960
2	---	---	---	3800	2910	3400	3200	3010	3110	3020	2910	2950
3	---	---	---	3530	3440	3470	3150	2960	3040	3010	2890	2940
4	---	---	---	3510	3400	3440	3100	2910	2980	3010	2890	2930
5	3530	3340	3070	3670	3380	3450	3060	2910	2960	2970	2870	2910
6	3470	3290	3360	3530	3350	3430	3200	2880	3010	2930	2850	2890
7	3440	3260	3320	3440	3340	3390	3190	3030	3080	2910	2870	2890
8	3400	3230	3290	3430	3300	3360	3180	3000	3070	3010	2840	2930
9	3390	3210	3270	3570	3340	3430	3150	3000	3060	3010	2940	2980
10	4440	3180	3390	3470	3340	3390	3140	2990	3040	3010	2820	2950
11	3610	3270	3390	3470	3320	3370	3110	2970	3020	3020	2660	2950
12	3470	3220	3340	3450	3310	3360	3040	2960	2990	3030	2950	2990
13	3460	3220	3320	3390	3270	3310	3070	2940	2980	3020	2950	2990
14	3470	3110	3320	3440	3280	3350	3160	2940	2980	3000	2880	2960
15	3410	3080	3300	3480	3270	3340	3230	2240	2920	2980	2910	2960
16	3380	3060	3230	3470	3250	3330	3150	3030	3100	2970	2900	2940
17	3390	3110	3270	3460	3230	3310	3120	3010	3060	2960	2850	2920
18	3460	3210	3310	3420	3210	3280	3120	3010	3040	2970	2840	2920
19	3430	3300	3380	3420	3190	3280	3050	2970	3000	2940	2880	2910
20	3550	3310	3390	3410	3190	3260	3050	2970	3000	2970	2870	2920
21	3480	3300	3370	3400	3160	3240	3100	2960	3010	2960	2880	2930
22	3510	3300	3410	3380	3160	3240	3050	2950	2980	2970	2870	2920
23	3650	3340	3490	3350	3150	3210	2970	2850	2930	2960	2890	2930
24	3410	3220	3340	3370	3160	3210	3060	3000	3030	2960	2890	2940
25	3370	3120	3300	3390	3200	3260	3060	1950	2860	2960	2880	2930
26	3480	3300	3360	3390	3180	3250	3180	3010	3070	2970	2900	2940
27	3520	3070	3360	3370	3160	3230	3100	2990	3030	2970	2900	2950
28	3300	3160	3220	3340	3140	3210	3110	2970	3030	2970	2900	2950
29	3380	3260	3300	3270	3080	3150	3050	2930	2990	2970	2900	2950
30	3470	3380	3410	3260	3080	3140	3010	2940	2970	2970	2900	2950
31	---	---	---	3220	3050	3100	2990	2930	2960	---	---	---
MONTH	4440	3060	3330	3800	2910	3310	3230	1950	3010	3030	2660	2940
YEAR	4440	517	3270									

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306255 YELLOW CREEK NEAR WHITE RIVER, CO. STREAM SOURCE AGENCY USGS
LATITUDE 401007 LONGITUDE 1082402 DRAINAGE AREA 262.00 DATUM 5535.00 STATE 08 COUNTY 103

SEDIMENT, SUSPENDED CONCENTRATION (MG/L), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1			57			415			140			---
2			60			420			110			---
3			72			340			90			205
4			60			360			100			260
5			50			280			240			280
6			45			225			140			---
7			55			---			90			---
8			66			320			---			340
9			33			130			---			360
10			50			160			---			430
11			245			210			195			345
12			145			170			200			---
13			90			370			130			---
14			---			450			100			2000
15			63			---			110			340
16			265			430			140			210
17			225			350			150			230
18			65			260			---			240
19			62			280			245			250
20			1070			500			170			240
21			500			380			180			170
22			150			150			170			145
23			210			200			40			165
24			160			170			140			203
25			210			310			---			170
26			140			340			185			---
27			130			290			185			---
28			160			270			170			---
29			360			---			169			300
30			270			170			142			---
31			525						284			---
MONTH			186			294			154			344

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306255 YELLOW CREEK NEAR WHITE RIVER, CO. STREAM SOURCE AGENCY USGS
LATITUDE 401007 LONGITUDE 1082402 DRAINAGE AREA 262.00 DATUM 5535.00 STATE 08 COUNTY 103

SEDIMENT, SUSPENDED CONCENTRATION (MG/L), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1			---			1160			242			---
2			---			675			187			---
3			---			616			1160			---
4			---			1700			467			---
5			---			520			403			---
6			---			2600			335			315
7			---			5700			814			720
8			---			6150			787			680
9			---			6050			545			250
10			---			6200			484			290
11			---			---			385			560
12			---			4620			264			810
13			---			3190			407			420
14			---			9410			187			270
15			255			6930			275			320
16			430			---			462			615
17			675			4070			473			580
18			---			2310			275			530
19			13200			440			214			440
20			9720			682			182			415
21			4190			605			463			300
22			1100			605			319			390
23			1370			605			407			370
24			1430			671			330			320
25			1520			330			310			110
26			1460			---			300			128
27			4210			891			355			88
28			3330			473			370			88
29			2300			418			325			102
30						297			360			72
31						308						60
MONTH			3230			2440			403			356

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306255 YELLOW CREEK NEAR WHITE RIVER, CO. STREAM SOURCE AGENCY USGS
LATITUDE 401007 LONGITUDE 1082402 DRAINAGE AREA 262.00 DATUM 5535.00 STATE 08 COUNTY 103

SEDIMENT, SUSPENDED CONCENTRATION (MG/L), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1			98			80			14			32
2			70			110			8			60
3			49			50			3			60
4			37			24			4			33
5			122			36			4			21
6			88			42			13			30
7			57			70			18			22
8			43			27			20			24
9			37			---			15			146
10			401			28			18			64
11			162			16			12			97
12			88			16			16			68
13			60			13			20			32
14			63			21			26			26
15			52			25			945			26
16			45			23			120			26
17			50			---			34			44
18			64			---			31			20
19			180			38			82			60
20			55			31			26			24
21			62			33			25			14
22			---			43			26			60
23			98			26			32			56
24			105			11			40			20
25			85			22			1150			16
26			80			23			158			56
27			---			70			96			26
28			---			60			85			32
29			---			92			50			21
30			---			30			40			36
31						14			30			
MONTH			90			38			102			42
YEAR	---	---	530									

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306255 YELLOW CREEK NEAR WHITE RIVER, CO. STREAM SOURCE AGENCY USGS
LATITUDE 401007 LONGITUDE 1082402 DRAINAGE AREA 262.00 DATUM 5535.00 STATE 08 COUNTY 103

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1			.22			2.4			.57			.70
2			.23			2.3			.53			.70
3			.27			1.7			.49			.70
4			.23			1.7			.59			.77
5			.20			1.3			1.4			.83
6			.18			1.1			.83			2.0
7			.22			1.0			.53			1.0
8			.27			1.4			.60			1.1
9			.14			.56			.50			1.2
10			.22			.69			.80			1.4
11			1.1			.91			.68			1.3
12			.63			.83			.70			.90
13			.39			1.8			.42			.80
14			.40			2.1			.30			13
15			.29			2.0			.30			1.2
16			1.2			1.9			.34			.74
17			1.0			1.5			.36			.75
18			.30			1.1			.40			.78
19			.28			1.2			.73			.81
20			5.5			2.2			.50			1.1
21			2.6			1.3			.40			.83
22			.69			.53			.34			.67
23			.91			.70			.08			.76
24			.69			.60			.30			.88
25			.91			1.1			.40			.73
26			.60			1.5			.49			.80
27			.56			1.0			.49			.90
28			.69			.95			.46			1.0
29			1.6			.60			.74			1.2
30			1.2			.60			.51			1.0
31			2.6						1.5			.90
MONTH			.85			1.3			.56			1.3

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306255 YELLOW CREEK NEAR WHITE RIVER, CO. STREAM SOURCE AGENCY USGS
LATITUDE 401007 LONGITUDE 1082402 DRAINAGE AREA 262.00 DATUM 5535.00 STATE 08 COUNTY 103

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1			.90			12			1.6			2.0
2			.80			6.2			1.3			2.0
3			.70			5.7			8.3			2.0
4			.70			17			3.2			2.0
5			.80			5.5			2.8			2.0
6			.70			26			2.4			2.0
7			.60			58			5.7			5.1
8			.60			65			5.4			4.8
9			.60			56			3.8			1.8
10			.60			60			3.1			1.9
11			.60			56			2.5			4.8
12			.60			40			1.7			7.0
13			.60			25			2.6			3.3
14			.60			81			1.2			1.9
15			.61			64			1.7			2.2
16			1.2			42			2.9			4.3
17			2.2			26			2.7			4.7
18			300			14			1.6			3.6
19			8500			2.9			1.3			2.9
20			2000			4.2			1.2			2.7
21			285			3.8			2.6			2.2
22			11			4.6			2.1			3.1
23			12			4.1			2.6			2.8
24			10			4.3			2.0			2.4
25			10			2.2			1.8			.80
26			12			4.0			1.7			.90
27			85			5.8			1.9			.59
28			84			3.1			2.0			.57
29			36			2.7			1.8			.66
30						2.0			2.3			.49
31						2.2						.42
MONTH			392			23			2.6			2.5

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE IS 07-08-81

STATION NUMBER 09306255 YELLOW CREEK NEAR WHITE RIVER, CO. STREAM SOURCE AGENCY USGS
LATITUDE 401007 LONGITUDE 1082402 DRAINAGE AREA 262.00 DATUM 5535.00 STATE 08 COUNTY 103

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1			.69			.52			.06			.19
2			.49			.74			.03			.34
3			.33			.31			.01			.34
4			.26			.14			.02			.18
5			.82			.18			.02			.11
6			.62			.22			.05			.16
7			.40			.36			.07			.12
8			.30			.15			.08			.15
9			.26			.18			.06			10
10			2.7			.15			.07			.40
11			1.1			.09			.05			7.1
12			.59			.09			.06			.42
13			.41			.07			.08			.19
14			.43			.12			.11			.15
15			.34			.13			6.7			.15
16			.29			.11			.55			.15
17			.32			.11			.16			.25
18			.40			.11			.14			.12
19			1.1			.17			.40			.34
20			.33			.14			.13			.14
21			.35			.14			.13			.08
22			.30			.19			.13			.36
23			.56			.12			.17			.33
24			.60			.05			.22			.12
25			.48			.10			94			.10
26			.45			.10			.98			.33
27			.50			.30			.57			.15
28			.50			.26			.48			.19
29			.50			.37			.28			.12
30			.50			.13			.23			.21
31						.06			.18			
MONTH			.56			.19			3.4			.77
YEAR	---	---	34									

TABLE 2.2.2.1-3

Index to USGS Gauging Stations Water Quality Data

Station Designation	Computer Code	Page No.
09304800	WU48	I-438
09306007	WU07	I-450
09306022	WU22	I-456
09306025	WU25	I-462
09306028	WU28	I-468
09306033	WU33	I-474
09306036	WU36	I-480
09306039	WU39	I-486
09306042	WU42	I-492
09306050	WU50	I-498
09306052	WU52	I-504
09306058	WU58	I-510
09306061	WU61	I-516
09306200	WU00	I-522
09306222	WU62	I-528
09306255	WU55	I-534

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09304800 - WHITE RIVER BELOW MEEKER, CO.

PROCESS DATE 07/08/81
DISTRICT CODE 08

WATER QUALITY DATA

DATE	ALKA- LINITY (MG/L AS CACO3) (00410)	ALUM- INUM, DIS- SOLVED (UG/L AS AL) (01106)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	ARSENIC DIS- SOLVED (UG/L AS AS) (01000)	BARIUM, DIS- SOLVED (UG/L AS BA) (01005)	BICAR- BONATE (MG/L AS HCO3) (00440)	OXYGEN DEMAND, BIOCHEM UNINHIB 5 DAY (MG/L) (00310)	BORON, DIS- SOLVED (UG/L AS B) (01020)	BROMIDE DIS- SOLVED (MG/L AS BR) (71870)	CADMIUM DIS- SOLVED (UG/L AS CD) (01025)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	CAR- BONATE (MG/L AS CO3) (00445)
OCT , 1979												
04...	180	--	--	--	--	220	--	--	--	--	85	0
NOV												
06...	130	--	--	--	--	--	--	30	--	--	67	--
30...	160	--	--	--	--	--	--	40	--	--	87	--
30...	144	--	--	--	--	170	--	40	--	--	82	3
DEC												
06...	131	--	--	--	--	160	--	--	--	--	67	0
13...	148	--	--	--	--	180	--	--	--	--	79	0
20...	139	--	--	--	--	170	--	--	--	--	71	0
28...	131	--	--	--	--	160	--	--	--	--	68	0
JAN , 1980												
04...	131	--	--	--	--	160	--	--	--	--	69	0
18...	139	--	--	--	--	170	--	--	--	--	71	0
24...	139	--	--	--	--	170	--	--	--	--	79	0
31...	139	--	--	--	--	170	--	--	--	--	75	0
FEB												
08...	131	--	--	--	--	160	--	--	--	--	69	0
15...	123	--	--	--	--	150	--	--	--	--	67	0
21...	139	--	--	--	--	170	--	--	--	--	72	0
26...	137	--	--	--	--	162	--	--	--	--	77	2
MAR												
13...	120	--	--	--	--	140	--	--	--	--	73	3
18...	120	--	--	--	--	--	--	30	--	--	75	--
20...	143	--	--	--	--	150	--	--	--	--	75	12
27...	166	--	--	--	--	160	--	--	--	--	76	21
APR												
03...	135	--	--	--	--	150	--	--	--	--	74	7
09...	148	--	--	--	--	180	--	--	--	--	81	0
17...	130	--	--	--	--	--	--	250	--	--	74	--
28...	115	--	--	--	--	140	--	--	--	--	54	0
MAY												
05...	107	--	--	--	--	130	--	--	--	--	49	0
16...	115	--	--	--	--	140	--	--	--	--	47	0
27...	98	--	--	--	--	120	--	--	--	--	39	0
JUN												
03...	89	20	--	1	30	--	--	80	--	1	34	--
03...	95	20	--	1	30	116	--	80	--	1	35	0
13...	88	--	--	--	--	107	--	--	--	--	31	0
20...	100	--	--	--	--	122	--	--	--	--	37	0
JUL												
01...	131	--	--	--	--	160	--	--	--	--	54	0

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09304800 - WHITE RIVER BELOW MEEKER, CO.

PROCESS DATE 07/08/81
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WATER QUALITY DATA

DATE	OXYGEN DEMAND, CHEM-ICAL (HIGH LEVEL) (MG/L) (00340)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COLI-FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML) (31616)	COLI-FORM, TOTAL, IMMED. (COLS. PER 100 ML) (31501)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	CYANIDE DIS-SOLVED (MG/L AS CN) (00723)	STREP-TOCOCCI FECAL, (COLS. PER 100 ML) (31679)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)
OCT , 1979											
04...	--	40	--	--	--	--	--	--	--	--	--
NOV											
06...	--	30	--	--	K22	--	--	--	.2	20	--
30...	--	45	--	--	--	--	--	--	.2	100	--
30...	--	43	--	--	K500	--	--	--	.2	100	--
DEC											
06...	--	36	--	--	--	--	--	--	--	--	--
13...	--	43	--	--	--	--	--	--	--	--	--
20...	--	35	--	--	--	--	--	--	--	--	--
28...	--	37	--	--	--	--	--	--	--	--	--
JAN , 1980											
04...	--	35	--	--	--	--	--	--	--	--	--
18...	--	34	--	--	--	--	--	--	--	--	--
24...	--	37	--	--	--	--	--	--	--	--	--
31...	--	39	--	--	--	--	--	--	--	--	--
FEB											
08...	--	38	--	--	--	--	--	--	--	--	--
15...	--	35	--	--	--	--	--	--	--	--	--
21...	--	39	--	--	--	--	--	--	--	--	--
26...	--	37	--	--	--	--	--	--	--	--	--
MAR											
13...	--	39	--	--	--	--	--	--	--	--	--
18...	--	36	--	--	--	--	--	--	.2	270	--
20...	--	41	--	--	--	--	--	--	--	--	--
27...	--	41	--	--	--	--	--	--	--	--	--
APR											
03...	--	42	--	--	--	--	--	--	--	--	--
09...	--	36	--	--	--	--	--	--	--	--	--
17...	--	28	--	--	K160	--	--	--	.2	<10	--
28...	--	18	--	--	--	--	--	--	--	--	--
MAY											
05...	--	14	--	--	--	--	--	--	--	--	--
16...	--	12	--	--	--	--	--	--	--	--	--
27...	--	8.9	--	--	--	--	--	--	--	--	--
JUN											
03...	--	6.5	0	--	--	3	--	--	.1	10	3
03...	--	7.1	0	--	156	3	--	--	.1	10	3
13...	--	4.2	--	--	--	--	--	--	--	--	--
20...	--	7.4	--	--	--	--	--	--	--	--	--
JUL											
01...	--	13	--	--	--	--	--	--	--	--	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09304800 - WHITE RIVER BELOW MEEKER, CO.

PROCESS DATE 07/08/81
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WATER QUALITY DATA

DATE	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MERCURY DIS-SOLVED (UG/L AS HG) (71890)	METHY-LENE BLUE ACTIVE SUB-STANCE (MG/L) (38260)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NITRO-GEN, NITRATE DIS-SOLVED (MG/L AS NO3) (71851)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS NO2) (71856)	OIL AND GREASE (MG/L) (00550)	CARBON, INORG + ORGANIC DIS-SOLVED (MG/L AS C) (00682)	CARBON, INOR-GANIC, DIS-SOLVED (MG/L AS C) (00691)
OCT , 1979											
04...	--	24	--	--	--	--	--	--	--	--	--
NOV											
06...	--	17	--	--	--	--	--	--	--	--	--
30...	--	21	--	--	--	--	--	--	--	--	--
30...	--	20	--	--	--	--	--	--	--	--	--
DEC											
06...	--	17	--	--	--	--	--	--	--	--	--
13...	--	19	--	--	--	--	--	--	--	--	--
20...	--	17	--	--	--	--	--	--	--	--	--
28...	--	17	--	--	--	--	--	--	--	--	--
JAN , 1980											
04...	--	17	--	--	--	--	--	--	--	--	--
18...	--	19	--	--	--	--	--	--	--	--	--
24...	--	18	--	--	--	--	--	--	--	--	--
31...	--	18	--	--	--	--	--	--	--	--	--
FEB											
08...	--	16	--	--	--	--	--	--	--	--	--
15...	--	17	--	--	--	--	--	--	--	--	--
21...	--	21	--	--	--	--	--	--	--	--	--
26...	--	20	--	--	--	--	--	--	--	--	--
MAR											
13...	--	20	--	--	--	--	--	--	--	--	--
18...	--	21	--	--	--	--	--	--	--	--	--
20...	--	22	--	--	--	--	--	--	--	--	--
27...	--	24	--	--	--	--	--	--	--	--	--
APR											
03...	--	23	--	--	--	--	--	--	--	--	--
09...	--	26	--	--	--	--	--	--	--	--	--
17...	--	25	--	--	--	--	--	--	--	--	--
28...	--	14	--	--	--	--	--	--	--	--	--
MAY											
05...	--	13	--	--	--	--	--	--	--	--	--
16...	--	12	--	--	--	--	--	--	--	--	--
27...	--	8.5	--	--	--	--	--	--	--	--	--
JUN											
03...	<4	8.5	7	.0	--	<10	--	--	--	--	--
03...	<4	8.5	7	.0	--	<10	--	--	--	--	--
13...	--	7.4	--	--	--	--	--	--	--	--	--
20...	--	9.7	--	--	--	--	--	--	--	--	--
JUL											
01...	--	14	--	--	--	--	--	--	--	--	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09304800 - WHITE RIVER BELOW MEEKER, CO.

PROCESS DATE 07/08/81
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WATER QUALITY DATA

DATE	CARBON, TOTAL (MG/L AS C) (00690)	PHOS-PHORUS, ORTHOPH OSPHATE DISSOL. (MG/L AS PO4) (00660)	ALDRIN, TOTAL (UG/L) (39330)	LINDANE TOTAL (UG/L) (39340)	CHLOR-DANE, TOTAL (UG/L) (39350)	DDD, TOTAL (UG/L) (39360)	DDE, TOTAL (UG/L) (39365)	DDT, TOTAL (UG/L) (39370)	DI-ELDRIN TOTAL (UG/L) (39380)	ENDRIN, TOTAL (UG/L) (39390)	TOX-APHENE, TOTAL (UG/L) (39400)
OCT , 1979											
04...	--	--	--	--	--	--	--	--	--	--	--
NOV											
06...	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--
DEC											
06...	--	--	--	--	--	--	--	--	--	--	--
13...	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--
28...	--	--	--	--	--	--	--	--	--	--	--
JAN , 1980											
04...	--	--	--	--	--	--	--	--	--	--	--
18...	--	--	--	--	--	--	--	--	--	--	--
24...	--	--	--	--	--	--	--	--	--	--	--
31...	--	--	--	--	--	--	--	--	--	--	--
FEB											
08...	--	--	--	--	--	--	--	--	--	--	--
15...	--	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--
26...	--	--	--	--	--	--	--	--	--	--	--
MAR											
13...	--	--	--	--	--	--	--	--	--	--	--
18...	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--
27...	--	--	--	--	--	--	--	--	--	--	--
APR											
03...	--	--	--	--	--	--	--	--	--	--	--
09...	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--
28...	--	--	--	--	--	--	--	--	--	--	--
MAY											
05...	--	--	--	--	--	--	--	--	--	--	--
16...	--	--	--	--	--	--	--	--	--	--	--
27...	--	--	--	--	--	--	--	--	--	--	--
JUN											
03...	--	--	--	--	--	--	--	--	--	--	--
03...	--	--	--	--	--	--	--	--	--	--	--
13...	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--
JUL											
01...	--	--	--	--	--	--	--	--	--	--	--

WATER QUALITY DATA

DATE	HEPTA-CHLOR, TOTAL (UG/L) (39410)	HEPTA-CHLOR EPOXIDE TOTAL (UG/L) (39420)	PCB TOTAL (UG/L) (39516)	MALA-THION, TOTAL (UG/L) (39530)	PARA-THION, TOTAL (UG/L) (39540)	DI-AZINON, TOTAL (UG/L) (39570)	METHYL PARA-THION, TOTAL (UG/L) (39600)	2,4-D, TOTAL (UG/L) (39730)	2,4,5-T TOTAL (UG/L) (39740)	SILVEX, TOTAL (UG/L) (39760)	PHENOLS (UG/L) (32730)
OCT , 1979											
04...	--	--	--	--	--	--	--	--	--	--	--
NOV											
06...	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--
DEC											
06...	--	--	--	--	--	--	--	--	--	--	--
13...	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--
28...	--	--	--	--	--	--	--	--	--	--	--
JAN , 1980											
04...	--	--	--	--	--	--	--	--	--	--	--
18...	--	--	--	--	--	--	--	--	--	--	--
24...	--	--	--	--	--	--	--	--	--	--	--
31...	--	--	--	--	--	--	--	--	--	--	--
FEB											
08...	--	--	--	--	--	--	--	--	--	--	--
15...	--	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--
26...	--	--	--	--	--	--	--	--	--	--	--
MAR											
13...	--	--	--	--	--	--	--	--	--	--	--
18...	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--
27...	--	--	--	--	--	--	--	--	--	--	--
APR											
03...	--	--	--	--	--	--	--	--	--	--	--
09...	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--
28...	--	--	--	--	--	--	--	--	--	--	--
MAY											
05...	--	--	--	--	--	--	--	--	--	--	--
16...	--	--	--	--	--	--	--	--	--	--	--
27...	--	--	--	--	--	--	--	--	--	--	--
JUN											
03...	--	--	--	--	--	--	--	--	--	--	--
03...	--	--	--	--	--	--	--	--	--	--	--
13...	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--
JUL											
01...	--	--	--	--	--	--	--	--	--	--	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09304800 - WHITE RIVER BELOW MEEKER, CO.

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WATER QUALITY DATA

DATE	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	SELE- NIUM, DIS- SOLVED (UG/L AS SE) (01145)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	STRON- TIUM, DIS- SOLVED (UG/L AS SR) (01080)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	SULFIDE DIS- SOLVED (MG/L AS S) (00746)	ZINC, DIS- SOLVED (UG/L AS ZN) (01090)	GROSS ALPHA, SUSP. TOTAL (PCI/L AS U-NAT) (01516)	GROSS BETA, DIS- SOLVED (PCI/L AS CS-137) (03515)
OCT , 1979											
04...	3.1	--	--	40	--	--	160	--	--	--	--
NOV											
06...	1.4	--	13	29	366	--	130	--	--	--	--
30...	2.3	--	17	38	467	--	160	--	--	--	--
30...	2.3	--	17	40	461	--	170	--	--	--	--
DEC											
06...	1.6	--	--	31	--	--	130	--	--	--	--
13...	2.3	--	--	38	--	--	160	--	--	--	--
20...	2.0	--	--	33	--	--	140	--	--	--	--
28...	1.6	--	--	32	--	--	130	--	--	--	--
JAN , 1980											
04...	2.0	--	--	31	--	--	136	--	--	--	--
18...	2.3	--	--	36	--	--	150	--	--	--	--
24...	2.3	--	--	34	--	--	160	--	--	--	--
31...	2.3	--	--	37	--	--	150	--	--	--	--
FEB											
08...	2.0	--	--	34	--	--	130	--	--	--	--
15...	2.7	--	--	33	--	--	130	--	--	--	--
21...	3.5	--	--	41	--	--	170	--	--	--	--
26...	2.0	--	--	36	--	--	160	--	--	--	--
MAR											
13...	2.0	--	--	36	--	--	160	--	--	--	--
18...	1.5	--	16	42	424	--	160	--	--	--	--
20...	2.3	--	--	39	--	--	160	--	--	--	--
27...	2.3	--	--	44	--	--	180	--	--	--	--
APR											
03...	2.7	--	--	42	--	--	180	--	--	--	--
09...	2.3	--	--	40	--	--	200	--	--	--	--
17...	2.3	--	14	38	460	--	200	--	--	--	--
28...	2.3	--	--	18	--	--	100	--	--	--	--
MAY											
05...	1.6	--	--	17	--	--	80	--	--	--	--
16...	2.0	--	--	14	--	--	75	--	--	--	--
27...	1.2	--	--	8.3	--	--	45	--	--	--	--
JUN											
03...	1.0	1	11	7.8	163	270	40	--	<3	--	--
03...	1.2	1	11	7.8	164	270	36	--	<3	--	--
13...	1.2	--	--	6.0	--	--	28	--	--	--	--
20...	1.2	--	--	9.1	--	--	45	--	--	--	--
JUL											
01...	2.0	--	--	16	--	--	75	--	--	--	--

WATER QUALITY DATA

DATE	ALKA-LINITY (MG/L AS CACO3) (00410)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BICAR-BONATE (MG/L AS HCO3) (00440)	OXYGEN DEMAND, BIOCHEM UNINHIB 5 DAY (MG/L) (00310)	BORON, DIS-SOLVED (UG/L AS B) (01020)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	CAR-BONATE (MG/L AS CO3) (00445)
JUL , 1980												
09...	153	--	--	--	--	187	--	--	--	--	62	0
14...	172	--	--	--	--	190	--	--	--	--	70	10
14...	160	--	--	--	--	--	--	40	--	--	67	--
22...	174	--	--	--	--	210	--	--	--	--	75	1
29...	182	--	--	--	--	200	--	--	--	--	78	11
AUG												
05...	189	--	--	--	--	230	--	--	--	--	81	0
13...	192	--	--	--	--	210	--	--	--	--	83	12
20...	168	--	--	--	--	180	--	--	--	--	75	12
29...	190	--	--	--	--	--	--	60	--	--	87	--
29...	189	--	--	--	--	220	--	60	--	--	86	5
SEP												
05...	181	--	--	--	--	190	--	--	--	--	81	15
12...	176	--	--	--	--	188	--	--	--	--	82	13
30...	150	0	--	2	30	--	--	20	--	<1	76	--
OCT												
31...	140	--	--	--	--	--	--	50	--	--	68	--
DEC												
15...	--	--	--	--	--	--	--	10	--	--	70	--
JAN , 1981												
26...	--	--	--	--	--	--	--	10	--	--	63	--
FEB												
26...	--	--	--	--	--	--	--	0	--	--	66	--
APR												
06...	--	--	--	--	--	--	--	10	--	--	73	--
22...	--	--	--	--	--	--	--	20	--	--	55	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 07/08/81
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WATER QUALITY DATA

DATE	OXYGEN DEMAND, CHEM-ICAL (HIGH LEVEL) (MG/L) (00340)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COLI-FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML) (31616)	COLI-FORM, TOTAL, IMMED. (COLS. PER 100 ML) (31501)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	CYANIDE DIS-SOLVED (MG/L AS CN) (00723)	STREP-TOCOCCI FECAL, (COLS. PER 100 ML) (31679)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)
JUL , 1980											
09...	--	18	--	--	--	--	--	--	--	--	--
14...	--	22	--	--	--	--	--	--	--	--	--
14...	--	20	--	--	K1400	--	--	--	.4	20	--
22...	--	27	--	--	--	--	--	--	--	--	--
29...	--	32	--	--	--	--	--	--	--	--	--
AUG											
05...	--	34	--	--	--	--	--	--	--	--	--
13...	--	42	--	--	--	--	--	--	--	--	--
20...	--	30	--	--	--	--	--	--	--	--	--
29...	--	34	--	--	--	--	--	--	.3	10	--
29...	--	35	--	--	150	--	--	--	.3	10	--
SEP											
05...	--	34	--	--	--	--	--	--	--	--	--
12...	--	33	--	--	--	--	--	--	--	--	--
30...	--	36	10	--	--	3	--	--	.2	10	1
OCT											
31...	--	31	--	--	--	--	--	--	.2	20	--
DEC											
15...	--	31	--	--	--	--	--	--	.2	10	--
JAN , 1981											
26...	--	37	--	--	--	--	--	--	.2	10	--
FEB											
26...	--	35	--	--	--	--	--	--	.2	50	--
APR											
06...	--	34	--	--	--	--	--	--	.2	40	--
22...	--	24	--	--	--	--	--	--	.1	20	--

WATER QUALITY DATA

DATE	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MERCURY DIS-SOLVED (UG/L AS HG) (71890)	METHY-LENE BLUE ACTIVE SUB-STANCE (MG/L) (38260)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NITRO-GEN, NITRATE DIS-SOLVED (MG/L AS NO3) (71851)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS NO2) (71856)	OIL AND GREASE (MG/L) (00550)	CARBON, INORG + ORGANIC DIS-SOLVED (MG/L AS C) (00682)	CARBON, INOR-GANIC, DIS-SOLVED (MG/L AS C) (00691)
JUL , 1980											
09...	--	17	--	--	--	--	--	--	--	--	--
14...	--	21	--	--	--	--	--	--	--	--	--
14...	--	20	--	--	--	--	--	--	--	--	--
22...	--	21	--	--	--	--	--	--	--	--	--
29...	--	22	--	--	--	--	--	--	--	--	--
AUG											
05...	--	23	--	--	--	--	--	--	--	--	--
13...	--	25	--	--	--	--	--	--	--	--	--
20...	--	22	--	--	--	--	--	--	--	--	--
29...	--	26	--	--	--	--	--	--	--	--	--
29...	--	25	--	--	--	--	--	--	--	--	--
SEP											
05...	--	24	--	--	--	--	--	--	--	--	--
12...	--	24	--	--	--	--	--	--	--	--	--
30...	10	20	10	.0	--	2	--	--	--	--	--
OCT											
31...	--	21	--	--	--	--	--	--	--	--	--
DEC											
15...	--	17	--	--	--	--	--	--	--	--	--
JAN , 1981											
26...	--	15	--	--	--	--	--	--	--	--	--
FEB											
26...	--	25	--	--	--	--	--	--	--	--	--
APR											
06...	--	23	--	--	--	--	--	--	--	--	--
22...	--	13	--	--	--	--	--	--	--	--	--

WATER QUALITY DATA

DATE	CARBON, TOTAL (MG/L AS C) (00690)	PHOS-PHORUS, ORTHOPH OSPHATE DISSOL. (MG/L AS PO4) (00660)	ALDRIN, TOTAL (UG/L) (39330)	LINDANE TOTAL (UG/L) (39340)	CHLOR-DANE, TOTAL (UG/L) (39350)	DDD, TOTAL (UG/L) (39360)	DDE, TOTAL (UG/L) (39365)	DDT, TOTAL (UG/L) (39370)	DI-ELDRIN TOTAL (UG/L) (39380)	ENDRIN, TOTAL (UG/L) (39390)	TOX-APHENE, TOTAL (UG/L) (39400)
JUL , 1980											
09...	--	--	--	--	--	--	--	--	--	--	--
14...	--	--	--	--	--	--	--	--	--	--	--
14...	--	--	--	--	--	--	--	--	--	--	--
22...	--	--	--	--	--	--	--	--	--	--	--
29...	--	--	--	--	--	--	--	--	--	--	--
AUG											
05...	--	--	--	--	--	--	--	--	--	--	--
13...	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--
29...	--	--	--	--	--	--	--	--	--	--	--
29...	--	--	--	--	--	--	--	--	--	--	--
SEP											
05...	--	--	--	--	--	--	--	--	--	--	--
12...	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--
OCT											
31...	--	--	--	--	--	--	--	--	--	--	--
DEC											
15...	--	--	--	--	--	--	--	--	--	--	--
JAN , 1981											
26...	--	--	--	--	--	--	--	--	--	--	--
FEB											
26...	--	--	--	--	--	--	--	--	--	--	--
APR											
06...	--	--	--	--	--	--	--	--	--	--	--
22...	--	--	--	--	--	--	--	--	--	--	--

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WATER QUALITY DATA

DATE	HEPTA-CHLOR, TOTAL (UG/L) (39410)	HEPTA-CHLOR EPOXIDE TOTAL (UG/L) (39420)	PCB TOTAL (UG/L) (39516)	MALA-THION, TOTAL (UG/L) (39530)	PARA-THION, TOTAL (UG/L) (39540)	DI-AZINON, TOTAL (UG/L) (39570)	METHYL PARA-THION, TOTAL (UG/L) (39600)	2,4-D, TOTAL (UG/L) (39730)	2,4,5-T TOTAL (UG/L) (39740)	SILVEX, TOTAL (UG/L) (39760)	PHENOLS (UG/L) (32730)
JUL , 1980											
09...	--	--	--	--	--	--	--	--	--	--	--
14...	--	--	--	--	--	--	--	--	--	--	--
14...	--	--	--	--	--	--	--	--	--	--	--
22...	--	--	--	--	--	--	--	--	--	--	--
29...	--	--	--	--	--	--	--	--	--	--	--
AUG											
05...	--	--	--	--	--	--	--	--	--	--	--
13...	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--
29...	--	--	--	--	--	--	--	--	--	--	--
29...	--	--	--	--	--	--	--	--	--	--	--
SEP											
05...	--	--	--	--	--	--	--	--	--	--	--
12...	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--
OCT											
31...	--	--	--	--	--	--	--	--	--	--	--
DEC											
15...	--	--	--	--	--	--	--	--	--	--	--
JAN , 1981											
26...	--	--	--	--	--	--	--	--	--	--	--
FEB											
26...	--	--	--	--	--	--	--	--	--	--	--
APR											
06...	--	--	--	--	--	--	--	--	--	--	--
22...	--	--	--	--	--	--	--	--	--	--	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09304800 - WHITE RIVER BELOW MEEKER, CO.

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WATER QUALITY DATA

DATE	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	SELE- NIUM, DIS- SOLVED (UG/L AS SE) (01145)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	STRON- TIUM, DIS- SOLVED (UG/L AS SR) (01080)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	SULFIDE DIS- SOLVED (MG/L AS S) (00746)	ZINC, DIS- SOLVED (UG/L AS ZN) (01090)	GROSS ALPHA, SUSP. TOTAL (PCI/L AS U-NAT) (01516)	GROSS BETA, DIS- SOLVED (PCI/L AS CS-137) (03515)
JUL , 1980											
09...	2.0	--	--	23	--	--	95	--	--	--	--
14...	2.3	--	--	26	--	--	120	--	--	--	--
14...	2.2	--	16	24	366	--	120	--	--	--	--
22...	2.3	--	--	30	--	--	120	--	--	--	--
29...	2.3	--	--	36	--	--	140	--	--	--	--
AUG											
05...	2.0	--	--	38	--	--	140	--	--	--	--
13...	2.3	--	--	47	--	--	170	--	--	--	--
20...	2.0	--	--	36	--	--	160	--	--	--	--
29...	2.0	--	15	40	479	--	160	--	--	--	--
29...	2.3	--	15	38	475	--	160	--	--	--	--
SEP											
05...	2.3	--	--	38	--	--	170	--	--	--	--
12...	2.3	--	--	36	--	--	164	--	--	--	--
30...	1.7	1	14	34	433	750	160	--	<3	--	--
OCT											
31...	1.4	--	14	38	388	--	130	--	--	--	--
DEC											
15...	1.7	--	15	34	373	--	120	--	--	--	--
JAN , 1981											
26...	1.1	--	14	32	348	--	120	--	--	--	--
FEB											
26...	1.6	--	12	36	424	--	170	--	--	--	--
APR											
06...	1.6	--	14	38	452	--	190	--	--	--	--
22...	1.3	--	13	19	280	--	88	--	--	--	--

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WATER QUALITY DATA

DATE	ALKA-LINITY (MG/L AS CACO3) (00410)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BICAR-BONATE (MG/L AS HCO3) (00440)	OXYGEN DEMAND, BIOCHEM UNINHIB 5 DAY (MG/L) (00310)	BORON, DIS-SOLVED (UG/L AS B) (01020)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	CAR-BONATE (MG/L AS CO3) (00445)
OCT , 1979												
24...	420	--	.000	3	--	--	--	210	--	--	68	--
NOV												
14...	390	--	.030	3	--	--	--	200	--	--	73	--
DEC												
13...	450	30	.060	2	100	--	--	190	.1	<1	80	--
JAN , 1980												
23...	390	--	.050	3	--	--	--	210	--	--	65	--
FEB												
20...	370	--	.000	3	--	--	--	180	--	--	65	--
MAR												
25...	380	--	.040	3	--	--	--	190	--	--	63	--
APR												
24...	270	--	.000	3	--	--	--	130	--	--	55	--
MAY												
15...	270	30	.020	4	90	--	--	110	.1	<1	56	--
JUN												
12...	450	--	.010	4	--	--	--	200	--	--	70	--
JUL												
16...	460	--	.020	4	--	--	--	280	--	--	71	--
AUG												
18...	360	0	.010	3	100	--	--	210	.0	<1	68	--
SEP												
15...	420	10	.020	3	100	--	--	220	.0	<1	68	--
OCT												
14...	470	--	.010	3	--	--	--	210	--	--	68	--
NOV												
04...	--	--	.120	3	--	--	--	240	--	--	70	--
DEC												
10...	--	10	.000	2	100	--	--	230	.0	<1	75	--
JAN , 1981												
13...	--	--	.070	3	--	--	--	200	--	--	70	--
23...	--	--	.070	--	--	--	--	190	--	--	65	--
FEB												
11...	--	--	.030	4	--	--	--	220	--	--	79	--
MAR												
03...	--	--	.080	2	--	--	--	190	--	--	71	--
APR												
15...	--	20	.030	3	200	--	--	210	.1	<1	72	--

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WATER QUALITY DATA

DATE	OXYGEN DEMAND, CHEM- ICAL (HIGH LEVEL) (MG/L) (00340)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR) (01030)	COLI- FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML) (31616)	COLI- FORM, TOTAL, IMMED. (COLS. PER 100 ML) (31501)	COPPER, DIS- SOLVED (UG/L AS CU) (01040)	CYANIDE DIS- SOLVED (MG/L AS CN) (00723)	STREP- TOCOCCI FECAL, (COLS. PER 100 ML) (31679)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	LEAD, DIS- SOLVED (UG/L AS PB) (01049)
OCT , 1979											
24...	--	16	--	--	--	--	--	--	.9	290	--
NOV											
14...	--	15	--	--	--	--	--	--	1.1	20	--
DEC											
13...	24	12	0	--	K2400	0	--	--	1.0	10	0
JAN , 1980											
23...	--	13	--	--	--	--	--	--	1.1	10	--
FEB											
20...	--	11	--	--	--	--	--	--	.9	50	--
MAR											
25...	--	11	--	--	--	--	--	--	.3	10	--
APR											
24...	--	10	--	--	--	--	--	--	.6	<10	--
MAY											
15...	140	7.7	0	--	K420	3	--	--	.4	<10	0
JUN											
12...	--	11	--	--	--	--	--	--	.7	20	--
JUL											
16...	--	14	--	--	--	--	--	--	1.1	30	--
AUG											
18...	11	14	0	--	96	2	--	--	.9	<10	1
SEP											
15...	17	13	0	--	170	2	--	--	.9	10	0
OCT											
14...	--	15	--	--	--	--	--	--	.4	30	--
NOV											
04...	--	13	--	--	--	--	--	--	.9	30	--
DEC											
10...	11	11	0	--	--	2	--	--	1.7	10	1
JAN , 1981											
13...	--	14	--	--	--	--	--	--	1.3	20	--
23...	--	13	--	--	--	--	--	--	.8	10	--
FEB											
11...	--	17	--	--	--	--	--	--	1.2	10	--
MAR											
03...	--	13	--	--	--	--	--	--	.9	<10	--
APR											
15...	--	49	10	--	580	3	--	--	.9	60	2

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WATER QUALITY DATA

DATE	LITHIUM DIS- SOLVED (UG/L AS LI) (01130)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	MERCURY DIS- SOLVED (UG/L AS HG) (71890)	METHY- LENE BLUE ACTIVE SUB- STANCE (MG/L) (38260)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO) (01060)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3) (71851)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2) (71856)	OIL AND GREASE (MG/L) (00550)	CARBON, INORG + ORGANIC DIS- SOLVED (MG/L AS C) (00682)	CARBON, INOR- GANIC, DIS- SOLVED (MG/L AS C) (00691)
OCT , 1979											
24...	--	46	70	--	--	--	--	--	--	--	--
NOV											
14...	--	45	70	--	--	--	--	--	--	--	--
DEC											
13...	10	50	50	.0	--	<10	--	--	--	--	--
JAN , 1980											
23...	--	48	60	--	--	--	--	--	--	--	--
FEB											
20...	--	40	60	--	--	--	--	--	--	--	--
MAR											
25...	--	40	60	--	--	--	--	--	--	--	--
APR											
24...	--	30	8	--	--	--	--	--	--	--	--
MAY											
15...	10	29	6	.0	.00	<10	--	--	--	--	--
JUN											
12...	--	45	60	--	--	--	--	--	--	--	--
JUL											
16...	--	51	80	--	--	--	--	--	--	--	--
AUG											
18...	10	41	40	.0	--	16	--	--	--	--	--
SEP											
15...	10	44	40	.0	.00	12	--	--	--	--	--
OCT											
14...	--	52	90	--	--	--	--	--	--	--	--
NOV											
04...	--	48	90	--	--	--	--	--	--	--	--
DEC											
10...	20	47	70	.0	--	<10	--	--	--	--	--
JAN , 1981											
13...	--	47	50	--	--	--	--	--	--	--	--
23...	--	43	--	--	--	11	--	--	--	--	--
FEB											
11...	--	50	50	--	--	--	--	--	--	--	--
MAR											
03...	--	44	60	--	--	--	--	--	--	--	--
APR											
15...	10	51	100	.0	.00	<10	--	--	--	--	--

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WATER QUALITY DATA

DATE	CARBON, TOTAL (MG/L AS C) (00690)	PHOS-PHORUS, ORTHOPH OSPHATE DISSOL. (MG/L AS PO4) (00660)	ALDRIN, TOTAL (UG/L) (39330)	LINDANE TOTAL (UG/L) (39340)	CHLOR-DANE, TOTAL (UG/L) (39350)	DDD, TOTAL (UG/L) (39360)	DDE, TOTAL (UG/L) (39365)	DDT, TOTAL (UG/L) (39370)	DI-ELDRIN TOTAL (UG/L) (39380)	ENDRIN, TOTAL (UG/L) (39390)	TOX-APHENE, TOTAL (UG/L) (39400)
OCT , 1979											
24...	--	--	--	--	--	--	--	--	--	--	--
NOV											
14...	--	--	--	--	--	--	--	--	--	--	--
DEC											
13...	--	--	--	--	--	--	--	--	--	--	--
JAN , 1980											
23...	--	--	--	--	--	--	--	--	--	--	--
FEB											
20...	--	--	--	--	--	--	--	--	--	--	--
MAR											
25...	--	--	--	--	--	--	--	--	--	--	--
APR											
24...	--	--	--	--	--	--	--	--	--	--	--
MAY											
15...	--	--	--	--	--	--	--	--	--	--	--
JUN											
12...	--	--	--	--	--	--	--	--	--	--	--
JUL											
16...	--	--	--	--	--	--	--	--	--	--	--
AUG											
18...	--	--	--	--	--	--	--	--	--	--	--
SEP											
15...	--	--	--	--	--	--	--	--	--	--	--
OCT											
14...	--	--	--	--	--	--	--	--	--	--	--
NOV											
04...	--	--	--	--	--	--	--	--	--	--	--
DEC											
10...	--	--	--	--	--	--	--	--	--	--	--
JAN , 1981											
13...	--	--	--	--	--	--	--	--	--	--	--
23...	--	--	--	--	--	--	--	--	--	--	--
FEB											
11...	--	--	--	--	--	--	--	--	--	--	--
MAR											
03...	--	--	--	--	--	--	--	--	--	--	--
APR											
15...	--	--	--	--	--	--	--	--	--	--	--

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09306007 - PICEANCE CREEK BELOW RIO BLANCO, CO.

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WATER QUALITY DATA

DATE	HEPTA-CHLOR, TOTAL (UG/L) (39410)	HEPTA-CHLOR EPOXIDE TOTAL (UG/L) (39420)	PCB TOTAL (UG/L) (39516)	MALA-THION, TOTAL (UG/L) (39530)	PARA-THION, TOTAL (UG/L) (39540)	DI-AZINON, TOTAL (UG/L) (39570)	METHYL PARA-THION, TOTAL (UG/L) (39600)	2,4-D, TOTAL (UG/L) (39730)	2,4,5-T TOTAL (UG/L) (39740)	SILVEX, TOTAL (UG/L) (39760)	PHENOLS (UG/L) (32730)
OCT , 1979											
24...	--	--	--	--	--	--	--	--	--	--	1
NOV											
14...	--	--	--	--	--	--	--	--	--	--	0
DEC											
13...	--	--	--	--	--	--	--	--	--	--	0
JAN , 1980											
23...	--	--	--	--	--	--	--	--	--	--	1
FEB											
20...	--	--	--	--	--	--	--	--	--	--	3
MAR											
25...	--	--	--	--	--	--	--	--	--	--	0
APR											
24...	--	--	--	--	--	--	--	--	--	--	1
MAY											
15...	--	--	--	--	--	--	--	--	--	--	0
JUN											
12...	--	--	--	--	--	--	--	--	--	--	1
JUL											
16...	--	--	--	--	--	--	--	--	--	--	2
AUG											
18...	--	--	--	--	--	--	--	--	--	--	0
SEP											
15...	--	--	--	--	--	--	--	--	--	--	0
OCT											
14...	--	--	--	--	--	--	--	--	--	--	10
NOV											
04...	--	--	--	--	--	--	--	--	--	--	3
DEC											
10...	--	--	--	--	--	--	--	--	--	--	0
JAN , 1981											
13...	--	--	--	--	--	--	--	--	--	--	2
23...	--	--	--	--	--	--	--	--	--	--	--
FEB											
11...	--	--	--	--	--	--	--	--	--	--	0
MAR											
03...	--	--	--	--	--	--	--	--	--	--	0
APR											
15...	--	--	--	--	--	--	--	--	--	--	2

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WATER QUALITY DATA

DATE	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	STRON-TIUM, DIS-SOLVED (UG/L AS SR) (01080)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	SULFIDE DIS-SOLVED (MG/L AS S) (00746)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	GROSS ALPHA, SUSP. TOTAL (PCI/L AS U-NAT) (01516)	GROSS BETA, DIS-SOLVED (PCI/L AS CS-137) (03515)
OCT , 1979											
24...	3.2	--	17	120	706	--	180	--	--	--	--
NOV											
14...	3.1	--	16	120	691	--	180	--	--	--	--
DEC											
13...	2.6	1	18	130	750	1600	180	--	<3	<1.0	<8.0
JAN , 1980											
23...	2.7	--	17	110	674	--	180	--	--	--	--
FEB											
20...	4.2	--	14	110	610	--	140	--	--	--	--
MAR											
25...	2.5	--	13	110	630	--	160	--	--	--	--
APR											
24...	3.0	--	14	81	491	--	130	--	--	--	--
MAY											
15...	5.2	2	15	63	466	800	120	--	<3	39	8.2
JUN											
12...	3.4	--	17	120	711	--	170	--	--	--	--
JUL											
16...	4.2	--	16	140	764	--	190	--	--	--	--
AUG											
18...	3.0	1	16	110	644	1400	170	--	<3	<.3	<4.9
SEP											
15...	3.1	1	16	120	682	1500	160	--	<3	<.3	<5.0
OCT											
14...	4.3	--	17	150	782	--	190	--	--	--	--
NOV											
04...	2.8	--	15	130	716	--	170	--	--	--	--
DEC											
10...	3.7	1	17	120	699	1600	160	--	<3	.4	<5.2
JAN , 1981											
13...	2.2	--	16	130	722	--	180	--	--	--	--
23...	2.1	--	16	120	673	1500	180	--	--	--	--
FEB											
11...	2.3	--	17	130	750	--	200	--	--	--	--
MAR											
03...	2.2	--	15	120	685	--	170	--	--	--	--
APR											
15...	3.0	1	14	150	833	1700	220	--	30	.3	<8.5

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WATER QUALITY DATA

DATE	ALKA-LINITY (MG/L AS CACO3) (00410)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BICAR-BONATE (MG/L AS HCO3) (00440)	OXYGEN DEMAND, BIOCHEM UNINHIB 5 DAY (MG/L) (00310)	BORON, DIS-SOLVED (UG/L AS B) (01020)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	CAR-BONATE (MG/L AS CO3) (00445)
OCT , 1979												
24...	410	--	.000	2	--	--	--	100	--	--	82	--
NOV												
14...	390	--	.020	2	--	--	--	80	--	--	83	--
DEC												
13...	420	10	.010	1	50	--	--	80	.1	<1	94	--
JAN , 1980												
23...	400	--	.010	2	--	--	--	80	--	--	89	--
FEB												
20...	400	--	.000	2	--	--	--	80	--	--	88	--
MAR												
25...	390	--	.000	2	--	--	--	80	--	--	83	--
APR												
24...	390	--	.000	1	--	--	--	110	--	--	86	--
JUN												
12...	450	50	.010	2	60	--	--	80	.1	<1	95	--
JUL												
16...	410	--	.010	1	--	--	--	110	--	--	88	--
AUG												
18...	380	0	.000	2	50	--	--	110	.0	<1	84	--
SEP												
15...	410	--	.010	2	--	--	--	110	--	--	84	--
OCT												
14...	420	--	.040	2	--	--	--	80	--	--	81	--
NOV												
04...	420	--	.100	3	--	--	--	100	--	--	83	--
DEC												
10...	--	10	.000	1	50	--	--	90	.0	<1	87	--
JAN , 1981												
13...	--	--	.040	2	--	--	--	80	--	--	85	--
FEB												
11...	--	--	.050	3	--	--	--	70	--	--	88	--
MAR												
03...	--	--	.050	1	--	--	--	70	--	--	88	--
APR												
15...	--	10	.060	0	80	--	--	80	.1	<1	88	--

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WATER QUALITY DATA

DATE	OXYGEN DEMAND, CHEM-ICAL (HIGH LEVEL) (MG/L) (00340)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COLI-FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML) (31616)	COLI-FORM, TOTAL, IMMED. (COLS. PER 100 ML) (31501)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	CYANIDE DIS-SOLVED (MG/L AS CN) (00723)	STREP-TOCOCCI FECAL, (COLS. PER 100 ML) (31679)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)
OCT , 1979											
24...	--	6.7	--	--	--	--	--	--	.3	10	--
NOV											
14...	--	6.3	--	--	--	--	--	--	.2	10	--
DEC											
13...	14	6.0	0	--	K3600	0	--	--	.3	<10	0
JAN , 1980											
23...	--	6.1	--	--	--	--	--	--	.3	<10	--
FEB											
20...	--	6.1	--	--	--	--	--	--	.3	40	--
MAR											
25...	--	7.2	--	--	--	--	--	--	.0	<10	--
APR											
24...	--	6.1	--	--	--	--	--	--	.3	<10	--
JUN											
12...	11	5.6	0	--	--	0	--	--	.2	<10	0
JUL											
16...	--	5.2	--	--	K81	--	--	--	.4	<10	--
AUG											
18...	5	6.2	0	--	K30	2	--	--	.3	<10	2
SEP											
15...	--	6.1	--	--	--	--	--	--	.3	<10	--
OCT											
14...	--	6.4	--	--	--	--	--	--	.2	<10	--
NOV											
04...	--	5.8	--	--	--	--	--	--	.3	<10	--
DEC											
10...	8	5.8	0	--	--	0	--	--	.5	<10	0
JAN , 1981											
13...	--	5.9	--	--	--	--	--	--	.4	60	--
FEB											
11...	--	5.8	--	--	--	--	--	--	.2	10	--
MAR											
03...	--	6.0	--	--	--	--	--	--	.2	<10	--
APR											
15...	57	5.8	10	--	K48	1	--	--	.3	10	3

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WATER QUALITY DATA

DATE	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MERCURY DIS-SOLVED (UG/L AS HG) (71890)	METHY-LENE BLUE ACTIVE SUB-STANCE (MG/L) (38260)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NITRO-GEN, NITRATE DIS-SOLVED (MG/L AS NO3) (71851)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS NO2) (71856)	OIL AND GREASE (MG/L) (00550)	CARBON, INORG + ORGANIC DIS-SOLVED (MG/L AS C) (00682)	CARBON, INOR-GANIC, DIS-SOLVED (MG/L AS C) (00691)
OCT , 1979											
24...	--	69	4	--	--	--	--	--	--	--	--
NOV											
14...	--	68	1	--	--	--	--	--	--	--	--
DEC											
13...	6	77	<1	.0	--	<10	--	--	--	--	--
JAN , 1980											
23...	--	74	2	--	--	--	--	--	--	--	--
FEB											
20...	--	72	5	--	--	--	--	--	--	--	--
MAR											
25...	--	67	4	--	--	--	--	--	--	--	--
APR											
24...	--	72	3	--	--	--	--	--	--	--	--
JUN											
12...	<4	75	5	.0	--	21	--	--	--	--	--
JUL											
16...	--	74	<3	--	--	--	--	--	--	--	--
AUG											
18...	7	67	2	.0	--	<10	--	--	--	--	--
SEP											
15...	--	70	2	--	--	--	--	--	--	--	--
OCT											
14...	--	74	4	--	--	--	--	--	--	--	--
NOV											
04...	--	71	4	--	--	--	--	--	--	--	--
DEC											
10...	10	69	10	.0	--	<10	--	--	--	--	--
JAN , 1981											
13...	--	74	20	--	--	--	--	--	--	--	--
FEB											
11...	--	71	10	--	--	--	--	--	--	--	--
MAR											
03...	--	72	10	--	--	--	--	--	--	--	--
APR											
15...	10	72	10	.0	.00	<10	--	--	--	--	--

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WATER QUALITY DATA

DATE	CARBON, TOTAL (MG/L AS C) (00690)	PHOS-PHORUS, ORTHOPH OSPHATE DISSOL. (MG/L AS PO4) (00660)	ALDRIN, TOTAL (UG/L) (39330)	LINDANE TOTAL (UG/L) (39340)	CHLOR-DANE, TOTAL (UG/L) (39350)	DDD, TOTAL (UG/L) (39360)	DDE, TOTAL (UG/L) (39365)	DDT, TOTAL (UG/L) (39370)	DI-ELDRIN TOTAL (UG/L) (39380)	ENDRIN, TOTAL (UG/L) (39390)	TOX-APHENE, TOTAL (UG/L) (39400)
OCT , 1979											
24...	--	--	--	--	--	--	--	--	--	--	--
NOV											
14...	--	--	--	--	--	--	--	--	--	--	--
DEC											
13...	--	--	--	--	--	--	--	--	--	--	--
JAN , 1980											
23...	--	--	--	--	--	--	--	--	--	--	--
FEB											
20...	--	--	--	--	--	--	--	--	--	--	--
MAR											
25...	--	--	--	--	--	--	--	--	--	--	--
APR											
24...	--	--	--	--	--	--	--	--	--	--	--
JUN											
12...	--	--	--	--	--	--	--	--	--	--	--
JUL											
16...	--	--	--	--	--	--	--	--	--	--	--
AUG											
18...	--	--	--	--	--	--	--	--	--	--	--
SEP											
15...	--	--	--	--	--	--	--	--	--	--	--
OCT											
14...	--	--	--	--	--	--	--	--	--	--	--
NOV											
04...	--	--	--	--	--	--	--	--	--	--	--
DEC											
10...	--	--	--	--	--	--	--	--	--	--	--
JAN , 1981											
13...	--	--	--	--	--	--	--	--	--	--	--
FEB											
11...	--	--	--	--	--	--	--	--	--	--	--
MAR											
03...	--	--	--	--	--	--	--	--	--	--	--
APR											
15...	--	--	--	--	--	--	--	--	--	--	--

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WATER QUALITY DATA

DATE	HEPTA-CHLOR, TOTAL (UG/L) (39410)	HEPTA-CHLOR EPOXIDE TOTAL (UG/L) (39420)	PCB TOTAL (UG/L) (39516)	MALA-THION, TOTAL (UG/L) (39530)	PARA-THION, TOTAL (UG/L) (39540)	DI-AZINON, TOTAL (UG/L) (39570)	METHYL PARA-THION, TOTAL (UG/L) (39600)	2,4-D, TOTAL (UG/L) (39730)	2,4,5-T TOTAL (UG/L) (39740)	SILVEX, TOTAL (UG/L) (39760)	PHENOLS (UG/L) (32730)
OCT , 1979											
24...	--	--	--	--	--	--	--	--	--	--	0
NOV											
14...	--	--	--	--	--	--	--	--	--	--	0
DEC											
13...	--	--	--	--	--	--	--	--	--	--	0
JAN , 1980											
23...	--	--	--	--	--	--	--	--	--	--	4
FEB											
20...	--	--	--	--	--	--	--	--	--	--	3
MAR											
25...	--	--	--	--	--	--	--	--	--	--	0
APR											
24...	--	--	--	--	--	--	--	--	--	--	1
JUN											
12...	--	--	--	--	--	--	--	--	--	--	1
JUL											
16...	--	--	--	--	--	--	--	--	--	--	1
AUG											
18...	--	--	--	--	--	--	--	--	--	--	0
SEP											
15...	--	--	--	--	--	--	--	--	--	--	14
OCT											
14...	--	--	--	--	--	--	--	--	--	--	0
NOV											
04...	--	--	--	--	--	--	--	--	--	--	2
DEC											
10...	--	--	--	--	--	--	--	--	--	--	0
JAN , 1981											
13...	--	--	--	--	--	--	--	--	--	--	0
FEB											
11...	--	--	--	--	--	--	--	--	--	--	0
MAR											
03...	--	--	--	--	--	--	--	--	--	--	0
APR											
15...	--	--	--	--	--	--	--	--	--	--	1

WATER QUALITY DATA

DATE	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	STRONTIUM, DISSOLVED (UG/L AS SR) (01080)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	SULFIDE DISSOLVED (MG/L AS S) (00746)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	GROSS ALPHA, SUSP. TOTAL (PCI/L AS U-NAT) (01516)	GROSS BETA, DISSOLVED (PCI/L AS CS-137) (03515)
OCT , 1979											
24...	1.5	--	15	120	894	--	350	--	--	--	--
NOV											
14...	1.6	--	15	120	873	--	340	--	--	--	--
DEC											
13...	1.3	1	17	130	956	3000	370	--	<3	<.3	<7.3
JAN , 1980											
23...	1.3	--	16	130	911	--	350	--	--	--	--
FEB											
20...	1.7	--	15	120	888	--	340	--	--	--	--
MAR											
25...	1.3	--	14	120	870	--	340	--	--	--	--
APR											
24...	1.4	--	15	130	888	--	340	--	--	--	--
JUN											
12...	1.3	1	15	130	948	2700	350	--	4	1.0	<5.8
JUL											
16...	1.1	--	16	130	914	--	350	--	--	--	--
AUG											
18...	1.2	1	15	120	888	2800	360	--	3	<.3	<6.3
SEP											
15...	1.7	--	16	120	888	--	340	--	--	--	--
OCT											
14...	1.9	--	16	130	906	--	340	--	--	--	--
NOV											
04...	1.3	--	16	130	894	--	330	--	--	--	--
DEC											
10...	1.9	0	16	120	872	2800	330	--	<3	.7	<6.5
JAN , 1981											
13...	1.0	--	16	130	923	--	360	--	--	--	--
FEB											
11...	1.1	--	16	100	870	--	440	--	--	--	--
MAR											
03...	1.1	--	16	130	934	--	370	--	--	--	--
APR											
15...	1.3	1	16	130	905	2900	350	--	10	.8	<9.0

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306025 - WEST FORK STEWART GULCH NEAR RIO BLANCO, CO.

PROCESS DATE 07/08/81
DISTRICT CODE 08

WATER QUALITY DATA

DATE	ALKA-LINITY (MG/L AS CACO3) (00410)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BICAR-BONATE (MG/L AS HCO3) (00440)	OXYGEN DEMAND, BIOCHEM UNINHIB 5 DAY (MG/L) (00310)	BORON, DIS-SOLVED (UG/L AS B) (01020)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	CAR-BONATE (MG/L AS CO3) (00445)
FEB , 1980 18...	70	110	.330	1	200	--	--	200	.1	1	16	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306025 - WEST FORK STEWART GULCH NEAR RIO BLANCO, CO.

PROCESS DATE 07/08/81
DISTRICT CODE 08

WATER QUALITY DATA

DATE	OXYGEN DEMAND, CHEM-ICAL (HIGH LEVEL) (MG/L) (00340)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COLI-FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML) (31616)	COLI-FORM, TOTAL, IMMED. (COLS. PER 100 ML) (31501)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	CYANIDE DIS-SOLVED (MG/L AS CN) (00723)	STREP-TOCOCCI FECAL, (COLS. PER 100 ML) (31679)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)
FEB , 1980											
18...	290	3.1	0	--	--	2	--	--	.1	480	0

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 07/08/81
09306025 - WEST FORK STEWART GULCH NEAR RIO BLANCO, CO. DISTRICT CODE 08

WATER QUALITY DATA

DATE	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MERCURY DIS-SOLVED (UG/L AS HG) (71890)	METHY-LENE BLUE ACTIVE SUB-STANCE (MG/L) (38260)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NITRO-GEN, NITRATE DIS-SOLVED (MG/L AS NO3) (71851)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS NO2) (71856)	OIL AND GREASE (MG/L) (00550)	CARBON, INORG + ORGANIC DIS-SOLVED (MG/L AS C) (00682)	CARBON, INOR-GANIC, DIS-SOLVED (MG/L AS C) (00691)
FEB , 1980											
18...	0	2.4	40	.0	--	1	--	--	--	--	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306025 - WEST FORK STEWART GULCH NEAR RIO BLANCO, CO.

PROCESS DATE 07/08/81
DISTRICT CODE 08

WATER QUALITY DATA

DATE	CARBON, TOTAL (MG/L AS C) (00690)	PHOS- PHORUS, ORTHOPH OSPHATE DISSOL. (MG/L AS PO4) (00660)	ALDRIN, TOTAL (UG/L) (39330)	LINDANE TOTAL (UG/L) (39340)	CHLOR- DANE, TOTAL (UG/L) (39350)	DDD, TOTAL (UG/L) (39360)	DDE, TOTAL (UG/L) (39365)	DDT, TOTAL (UG/L) (39370)	DI- ELDRIN TOTAL (UG/L) (39380)	ENDRIN, TOTAL (UG/L) (39390)	TOX- APHENE, TOTAL (UG/L) (39400)
FEB , 1980											
18...	--	--	--	--	--	--	--	--	--	--	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 07/08/81
09306025 - WEST FORK STEWART GULCH NEAR RIO BLANCO, CO. DISTRICT CODE 08

WATER QUALITY DATA

DATE	HEPTA-CHLOR, TOTAL (UG/L) (39410)	HEPTA-CHLOR EPOXIDE TOTAL (UG/L) (39420)	PCB TOTAL (UG/L) (39516)	MALA-THION, TOTAL (UG/L) (39530)	PARA-THION, TOTAL (UG/L) (39540)	DI-AZINON, TOTAL (UG/L) (39570)	METHYL PARA-THION, TOTAL (UG/L) (39600)	2,4-D, TOTAL (UG/L) (39730)	2,4,5-T TOTAL (UG/L) (39740)	SILVEX, TOTAL (UG/L) (39760)	PHENOLS (UG/L) (32730)
FEB , 1980											
18...	--	--	--	--	--	--	--	--	--	--	10

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306025 - WEST FORK STEWART GULCH NEAR RIO BLANCO, CO.

PROCESS DATE 07/08/81
DISTRICT CODE 08

WATER QUALITY DATA

DATE	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	STRON-TIUM, DIS-SOLVED (UG/L AS SR) (01080)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	SULFIDE DIS-SOLVED (MG/L AS S) (00746)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	GROSS ALPHA, SUSP. TOTAL (PCI/L AS U-NAT) (01516)	GROSS BETA, DIS-SOLVED (PCI/L AS CS-137) (03515)
FEB , 1980											
18...	9.6	0	3.0	2.9	85	130	3.1	--	30	58	11

PROCESS DATE 07/08/81

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306028 - W F STEWART GULCH AT MOUTH, NEAR RIO BLANCO, CO. DISTRICT CODE 08

WATER QUALITY DATA

DATE	ALKA-LINITY (MG/L AS CACO3) (00410)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BICAR-BONATE (MG/L AS HCO3) (00440)	OXYGEN DEMAND, BIOCHEM UNINHIB 5 DAY (MG/L) (00310)	BORON, DIS-SOLVED (UG/L AS B) (01020)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	CAR-BONATE (MG/L AS CO3) (00445)
FEB , 1980 18...	52	170	.120	2	200	--	--	160	.0	0	17	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 07/08/81
09306028 - W F STEWART GULCH AT MOUTH, NEAR RIO BLANCO, CO. DISTRICT CODE 08

WATER QUALITY DATA

DATE	OXYGEN DEMAND, CHEM-ICAL (HIGH LEVEL) (MG/L) (00340)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COLI-FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML) (31616)	COLI-FORM, TOTAL, IMMED. (COLS. PER 100 ML) (31501)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	CYANIDE DIS-SOLVED (MG/L AS CN) (00723)	STREP-TOCOCCI FECAL, (COLS. PER 100 ML) (31679)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)
FEB , 1980											
18...	200	2.8	10	--	--	3	--	--	.1	60	0

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 07/08/81
09306028 - W F STEWART GULCH AT MOUTH, NEAR RIO BLANCO, CO. DISTRICT CODE 08

WATER QUALITY DATA

DATE	LITHIUM DIS- SOLVED (UG/L AS LI) (01130)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	MERCURY DIS- SOLVED (UG/L AS HG) (71890)	METHY- LENE BLUE ACTIVE SUB- STANCE (MG/L) (38260)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO) (01060)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3) (71851)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2) (71856)	OIL AND GREASE (MG/L) (00550)	CARBON, INORG + ORGANIC DIS- SOLVED (MG/L AS C) (00682)	CARBON, INOR- GANIC, DIS- SOLVED (MG/L AS C) (00691)
FEB , 1980											
18...	0	2.0	10	.1	--	1	--	--	--	--	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 07/08/81
09306028 - W F STEWART GULCH AT MOUTH, NEAR RIO BLANCO, CO. DISTRICT CODE 08

WATER QUALITY DATA

DATE	CARBON, TOTAL (MG/L AS C) (00690)	PHOS- PHORUS, ORTHOPH OSPHATE DISSOL. (MG/L AS PO4) (00660)	ALDRIN, TOTAL (UG/L) (39330)	LINDANE TOTAL (UG/L) (39340)	CHLOR- DANE, TOTAL (UG/L) (39350)	DDD, TOTAL (UG/L) (39360)	DDE, TOTAL (UG/L) (39365)	DDT, TOTAL (UG/L) (39370)	DI- ELDRIN TOTAL (UG/L) (39380)	ENDRIN, TOTAL (UG/L) (39390)	TOX- APHENE, TOTAL (UG/L) (39400)
FEB , 1980											
18...	--	--	--	--	--	--	--	--	--	--	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 07/08/81
09306028 - W F STEWART GULCH AT MOUTH, NEAR RIO BLANCO, CO. DISTRICT CODE 08

WATER QUALITY DATA

DATE	HEPTA-CHLOR, TOTAL (UG/L) (39410)	HEPTA-CHLOR EPOXIDE TOTAL (UG/L) (39420)	PCB TOTAL (UG/L) (39516)	MALA-THION, TOTAL (UG/L) (39530)	PARA-THION, TOTAL (UG/L) (39540)	DI-AZINON, TOTAL (UG/L) (39570)	METHYL PARA-THION, TOTAL (UG/L) (39600)	2,4-D, TOTAL (UG/L) (39730)	2,4,5-T TOTAL (UG/L) (39740)	SILVEX, TOTAL (UG/L) (39760)	PHENOLS (UG/L) (32730)
FEB , 1980 18...	--	--	--	--	--	--	--	--	--	--	8

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 07/08/81
09306028 - W F STEWART GULCH AT MOUTH, NEAR RIO BLANCO, CO. DISTRICT CODE 08

WATER QUALITY DATA

DATE	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	STRONTIUM, DISSOLVED (UG/L AS SR) (01080)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	SULFIDE DISSOLVED (MG/L AS S) (00746)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	GROSS ALPHA, SUSP. TOTAL (PCI/L AS U-NAT) (01516)	GROSS BETA, DISSOLVED (PCI/L AS CS-137) (03515)
FEB , 1980											
18...	7.0	0	8.1	3.7	82	200	7.6	--	10	<29	9.6

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 07/08/81
09306033 - SORGHUM GULCH NEAR RIO BLANCO, CO. DISTRICT CODE 08

WATER QUALITY DATA

DATE	ALKALINITY (MG/L AS CACO3) (00410)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BICARBONATE (MG/L AS HCO3) (00440)	OXYGEN DEMAND, BIOCHEM UNINHIB 5 DAY (MG/L) (00310)	BORON, DISSOLVED (UG/L AS B) (01020)	BROMIDE DISSOLVED (MG/L AS BR) (71870)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	CARBONATE (MG/L AS CO3) (00445)
APR , 1980												
22...	290	20	.000	3	200	--	--	80	.2	<1	65	--

PROCESS DATE 07/08/81
DISTRICT CODE 08

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306033 - SORGHUM GULCH NEAR RIO BLANCO, CO.

WATER QUALITY DATA

DATE	OXYGEN DEMAND, CHEMICAL (HIGH LEVEL) (MG/L) (00340)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	COLIFORM, FECAL, 0.45 UM-MF (COLS./ 100 ML) (31616)	COLIFORM, TOTAL, IMMED. (COLS. PER 100 ML) (31501)	COPPER, DISSOLVED (UG/L AS CU) (01040)	CYANIDE DISSOLVED (MG/L AS CN) (00723)	STREPTOCOCCI FECAL, (COLS. PER 100 ML) (31679)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)
APR , 1980											
22...	17	21	0	--	--	3	--	--	.2	<10	0

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306033 - SORGHUM GULCH NEAR RIO BLANCO, CO.

PROCESS DATE 07/08/81
DISTRICT CODE 08

WATER QUALITY DATA

DATE	LITHIUM DIS- SOLVED (UG/L AS LI) (01130)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	MERCURY DIS- SOLVED (UG/L AS HG) (71890)	METHY- LENE BLUE ACTIVE SUB- STANCE (MG/L) (38260)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO) (01060)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3) (71851)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2) (71856)	OIL AND GREASE (MG/L) (00550)	CARBON, INORG + ORGANIC DIS- SOLVED (MG/L AS C) (00682)	CARBON, INOR- GANIC, DIS- SOLVED (MG/L AS C) (00691)
APR , 1980											
22...	20	34	8	.0	--	<10	--	--	--	--	--

PROCESS DATE 07/08/81
DISTRICT CODE 08

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306033 - SORGHUM GULCH NEAR RIO BLANCO, CO.

WATER QUALITY DATA

DATE	CARBON, TOTAL (MG/L AS C) (00690)	PHOS-PHORUS, ORTHOPH OSPHATE DISSOL. (MG/L AS PO4) (00660)	ALDRIN, TOTAL (UG/L) (39330)	LINDANE TOTAL (UG/L) (39340)	CHLOR-DANE, TOTAL (UG/L) (39350)	DDD, TOTAL (UG/L) (39360)	DDE, TOTAL (UG/L) (39365)	DDT, TOTAL (UG/L) (39370)	DI-ELDRIN TOTAL (UG/L) (39380)	ENDRIN, TOTAL (UG/L) (39390)	TOX-APHENE, TOTAL (UG/L) (39400)
APR , 1980 22...	--	--	--	--	--	--	--	--	--	--	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306033 - SORGHUM GULCH NEAR RIO BLANCO, CO.

PROCESS DATE 07/08/81
DISTRICT CODE 08

WATER QUALITY DATA

DATE	HEPTA-CHLOR, TOTAL (UG/L) (39410)	HEPTA-CHLOR EPOXIDE TOTAL (UG/L) (39420)	PCB TOTAL (UG/L) (39516)	MALA-THION, TOTAL (UG/L) (39530)	PARA-THION, TOTAL (UG/L) (39540)	DI-AZINON, TOTAL (UG/L) (39570)	METHYL PARA-THION, TOTAL (UG/L) (39600)	2,4-D, TOTAL (UG/L) (39730)	2,4,5-T TOTAL (UG/L) (39740)	SILVEX, TOTAL (UG/L) (39760)	PHENOLS (UG/L) (32730)
APR , 1980											
22...	--	--	--	--	--	--	--	--	--	--	0

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306033 - SORGHUM GULCH NEAR RIO BLANCO, CO.

WATER QUALITY DATA

DATE	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	STRONTIUM, DISSOLVED (UG/L AS SR) (01080)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	SULFIDE DISSOLVED (MG/L AS S) (00746)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	GROSS ALPHA, SUSP. TOTAL (PCI/L AS U-NAT) (01516)	GROSS BETA, DISSOLVED (PCI/L AS CS-137) (03515)
APR , 1980											
22...	2.6	4	18	100	597	1000	180	--	<3	3.1	7.2

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 07/08/81
09306036 - SORGHUM GULCH AT MOUTH, NEAR RIO BLANCO, CO. DISTRICT CODE 08

WATER QUALITY DATA

DATE	ALKA-LINITY (MG/L AS CACO3) (00410)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BICAR-BONATE (MG/L AS HCO3) (00440)	OXYGEN DEMAND, BIOCHEM UNINHIB 5 DAY (MG/L) (00310)	BORON, DIS-SOLVED (UG/L AS B) (01020)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	CAR-BONATE (MG/L AS CO3) (00445)
AUG , 1980												
19...	1040	0	.000	10	100	--	--	930	.0	0	16	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 07/08/81
09306036 - SORGHUM GULCH AT MOUTH, NEAR RIO BLANCO, CO. DISTRICT CODE 08

WATER QUALITY DATA

DATE	OXYGEN DEMAND, CHEM-ICAL (HIGH LEVEL) (MG/L) (00340)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COLI-FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML) (31616)	COLI-FORM, TOTAL, IMMED. (COLS. PER 100 ML) (31501)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	CYANIDE DIS-SOLVED (MG/L AS CN) (00723)	STREP-TOCOCCI FECAL, (COLS. PER 100 ML) (31679)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)
AUG , 1980											
19...	130	9.2	0	--	--	4	--	--	1.0	70	5

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 07/08/81
09306036 - SORGHUM GULCH AT MOUTH, NEAR RIO BLANCO, CO. DISTRICT CODE 08

WATER QUALITY DATA

DATE	LITHIUM DIS- SOLVED (UG/L AS LI) (01130)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	MERCURY DIS- SOLVED (UG/L AS HG) (71890)	METHY- LENE BLUE ACTIVE SUB- STANCE (MG/L) (38260)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO) (01060)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3) (71851)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2) (71856)	OIL AND GREASE (MG/L) (00550)	CARBON, INORG + ORGANIC DIS- SOLVED (MG/L AS C) (00682)	CARBON, INOR- GANIC, DIS- SOLVED (MG/L AS C) (00691)
AUG , 1980											
19...	0	5.4	10	.0	--	14	--	--	--	--	--

09306036 - SORGHUM GULCH AT MOUTH, NEAR RIO BLANCO, CO. DISTRICT CODE 08

WATER QUALITY DATA

DATE	CARBON, TOTAL (MG/L AS C) (00690)	PHOS- PHORUS, ORTHOPH OSPHATE DISSOL. (MG/L AS PO4) (00660)	ALDRIN, TOTAL (UG/L) (39330)	LINDANE TOTAL (UG/L) (39340)	CHLOR- DANE, TOTAL (UG/L) (39350)	DDD, TOTAL (UG/L) (39360)	DDE, TOTAL (UG/L) (39365)	DDT, TOTAL (UG/L) (39370)	DI- ELDRIN TOTAL (UG/L) (39380)	ENDRIN, TOTAL (UG/L) (39390)	TOX- APHENE, TOTAL (UG/L) (39400)
AUG , 1980											
19...	--	--	--	--	--	--	--	--	--	--	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 07/08/81
09306036 - SORGHUM GULCH AT MOUTH, NEAR RIO BLANCO, CO. DISTRICT CODE 08

WATER QUALITY DATA

DATE	HEPTA-CHLOR, TOTAL (UG/L) (39410)	HEPTA-CHLOR EPOXIDE TOTAL (UG/L) (39420)	PCB TOTAL (UG/L) (39516)	MALA-THION, TOTAL (UG/L) (39530)	PARA-THION, TOTAL (UG/L) (39540)	DI-AZINON, TOTAL (UG/L) (39570)	METHYL PARA-THION, TOTAL (UG/L) (39600)	2,4-D, TOTAL (UG/L) (39730)	2,4,5-T TOTAL (UG/L) (39740)	SILVEX, TOTAL (UG/L) (39760)	PHENOLS (UG/L) (32730)
AUG , 1980											
19...	--	--	--	--	--	--	--	--	--	--	3

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 07/08/81
09306036 - SORGHUM GULCH AT MOUTH, NEAR RIO BLANCO, CO. DISTRICT CODE 08

WATER QUALITY DATA

DATE	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	STRONTIUM, DISSOLVED (UG/L AS SR) (01080)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	SULFIDE DISSOLVED (MG/L AS S) (00746)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	GROSS ALPHA, SUSP. TOTAL (PCI/L AS U-NAT) (01516)	GROSS BETA, DISSOLVED (PCI/L AS CS-137) (03515)
AUG , 1980											
19...	4.2	0	20	590	1530	440	240	--	40	120	<13

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306039 - COTTONWOOD GULCH NEAR RIO BLANCO, CO.

PROCESS DATE 07/08/81
DISTRICT CODE 08

WATER QUALITY DATA

DATE	ALKALINITY (MG/L AS CACO3) (00410)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BICARBONATE (MG/L AS HCO3) (00440)	OXYGEN DEMAND, BIOCHEM UNINHIB 5 DAY (MG/L) (00310)	BORON, DISSOLVED (UG/L AS B) (01020)	BROMIDE DISSOLVED (MG/L AS BR) (71870)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	CARBONATE (MG/L AS CO3) (00445)
APR , 1980												
23...	300	20	.000	2	90	--	--	100	.3	<1	48	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 07/08/81
09306039 - COTTONWOOD GULCH NEAR RIO BLANCO, CO. DISTRICT CODE 08

WATER QUALITY DATA

DATE	OXYGEN DEMAND, CHEM- ICAL (HIGH LEVEL) (MG/L) (00340)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR) (01030)	COLI- FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML) (31616)	COLI- FORM, TOTAL, IMMED. (COLS. PER 100 ML) (31501)	COPPER, DIS- SOLVED (UG/L AS CU) (01040)	CYANIDE DIS- SOLVED (MG/L AS CN) (00723)	STREP- TOCOCCI FECAL, (COLS. PER 100 ML) (31679)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	LEAD, DIS- SOLVED (UG/L AS PB) (01049)
APR , 1980											
23...	15	15	0	--	--	3	--	--	.7	<10	3

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 07/08/81
09306039 - COTTONWOOD GULCH NEAR RIO BLANCO, CO. DISTRICT CODE 08

WATER QUALITY DATA

DATE	LITHIUM DIS- SOLVED (UG/L AS LI) (01130)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	MERCURY DIS- SOLVED (UG/L AS HG) (71890)	METHY- LENE BLUE ACTIVE SUB- STANCE (MG/L) (38260)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO) (01060)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3) (71851)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2) (71856)	OIL AND GREASE (MG/L) (00550)	CARBON, INORG + ORGANIC DIS- SOLVED (MG/L AS C) (00682)	CARBON, INOR- GANIC, DIS- SOLVED (MG/L AS C) (00691)
APR , 1980											
23...	20	43	5	.0	--	<10	--	--	--	--	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 07/08/81
09306039 - COTTONWOOD GULCH NEAR RIO BLANCO, CO. DISTRICT CODE 08

WATER QUALITY DATA

DATE	CARBON, TOTAL (MG/L AS C) (00690)	PHOS-PHORUS, ORTHOPH OSPHATE DISSOL. (MG/L AS PO4) (00660)	ALDRIN, TOTAL (UG/L) (39330)	LINDANE TOTAL (UG/L) (39340)	CHLOR-DANE, TOTAL (UG/L) (39350)	DDD, TOTAL (UG/L) (39360)	DDE, TOTAL (UG/L) (39365)	DDT, TOTAL (UG/L) (39370)	DI-ELDRIN TOTAL (UG/L) (39380)	ENDRIN, TOTAL (UG/L) (39390)	TOX-APHENE, TOTAL (UG/L) (39400)
APR , 1980											
23...	--	--	--	--	--	--	--	--	--	--	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306039 - COTTONWOOD GULCH NEAR RIO BLANCO, CO.

PROCESS DATE 07/08/81
DISTRICT CODE 08

WATER QUALITY DATA

DATE	HEPTA- CHLOR, TOTAL (UG/L) (39410)	HEPTA- CHLOR EPOXIDE TOTAL (UG/L) (39420)	PCB TOTAL (UG/L) (39516)	MALA- THION, TOTAL (UG/L) (39530)	PARA- THION, TOTAL (UG/L) (39540)	DI- AZINON, TOTAL (UG/L) (39570)	METHYL PARA- THION, TOTAL (UG/L) (39600)	2,4-D, TOTAL (UG/L) (39730)	2,4,5-T TOTAL (UG/L) (39740)	SILVEX, TOTAL (UG/L) (39760)	PHENOLS (UG/L) (32730)
APR , 1980											
23...	--	--	--	--	--	--	--	--	--	--	2

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306039 - COTTONWOOD GULCH NEAR RIO BLANCO, CO.

PROCESS DATE 07/08/81
DISTRICT CODE 08

WATER QUALITY DATA

DATE	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	STRON-TIUM, DIS-SOLVED (UG/L AS SR) (01080)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	SULFIDE DIS-SOLVED (MG/L AS S) (00746)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	GROSS ALPHA, SUSP. TOTAL (PCI/L AS U-NAT) (01516)	GROSS BETA, DIS-SOLVED (PCI/L AS CS-137) (03515)
APR , 1980											
23...	1.5	2	16	100	578	2200	170	--	<3	.4	<4.4

WATER QUALITY DATA

DATE	ALKA-LINITY (MG/L AS CACO3) (00410)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BICAR-BONATE (MG/L AS HCO3) (00440)	OXYGEN DEMAND, BIOCHEM UNINHIB 5 DAY (MG/L) (00310)	BORON, DIS-SOLVED (UG/L AS B) (01020)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	CAR-BONATE (MG/L AS CO3) (00445)
OCT , 1979												
18...	190	--	.210	4	--	--	--	190	--	--	35	--
NOV												
30...	440	50	1.900	9	100	--	--	410	.1	<1	38	--
DEC												
08...	490	--	2.000	9	--	--	--	370	--	--	34	--
JAN , 1980												
20...	300	--	1.800	5	--	--	--	250	--	--	39	--
FEB												
19...	250	--	.850	3	--	--	--	220	--	--	19	--
MAR												
26...	590	10	2.300	13	100	--	--	580	.1	<1	21	--
MAY												
13...	560	60	.160	21	90	--	--	580	.1	<1	17	--
JUN												
12...	520	--	.380	13	--	--	--	590	--	--	18	--
JUL												
16...	640	--	.140	16	--	--	--	740	--	--	17	--
AUG												
18...	1110	10	.520	12	100	--	--	800	.1	0	15	--
SEP												
15...	940	--	.020	7	--	--	--	690	--	--	16	--
OCT												
14...	800	--	.280	13	--	--	--	550	--	--	17	--
23...	--	--	.100	8	--	--	--	780	--	--	14	--
NOV												
04...	--	--	.350	8	--	--	--	770	--	--	16	--
DEC												
10...	--	60	.010	7	300	--	--	770	.0	1	10	--
JAN , 1981												
13...	--	--	.110	7	--	--	--	760	--	--	11	--
23...	--	--	.090	--	--	--	--	800	--	--	12	--
FEB												
11...	--	--	.190	7	--	--	--	840	--	--	13	--
MAR												
03...	--	--	.090	4	--	--	--	810	--	--	12	--
APR												
15...	--	0	.040	4	200	--	--	840	.1	0	10	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 07/08/81
09306042 - PICEANCE CREEK TRIBUTARY NEAR RIO BLANCO, CO. DISTRICT CODE 08

WATER QUALITY DATA

DATE	OXYGEN DEMAND, CHEM-ICAL (HIGH LEVEL) (MG/L) (00340)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COLI-FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML) (31616)	COLI-FORM, TOTAL, IMMED. (COLS. PER 100 ML) (31501)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	CYANIDE DIS-SOLVED (MG/L AS CN) (00723)	STREP-TOCOCCI FECAL, (COLS. PER 100 ML) (31679)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)
OCT , 1979											
18...	--	8.8	--	--	--	--	--	--	3.5	110	--
NOV											
30...	26	8.7	0	--	4000	0	--	--	6.0	110	0
DEC											
08...	--	8.1	--	--	--	--	--	--	7.0	40	--
JAN , 1980											
20...	--	15	--	--	--	--	--	--	6.9	20	--
FEB											
19...	--	6.8	--	--	--	--	--	--	2.7	330	--
MAR											
26...	15	8.2	0	--	--	2	--	--	12	30	0
MAY											
13...	35	5.9	0	--	--	2	--	--	12	10	0
JUN											
12...	--	6.5	--	--	--	--	--	--	.6	30	--
JUL											
16...	--	6.5	--	--	--	--	--	--	17	20	--
AUG											
18...	19	7.8	0	--	K800	3	--	--	1.6	30	2
SEP											
15...	--	8.2	--	--	--	--	--	--	--	30	--
OCT											
14...	--	8.1	--	--	--	--	--	--	--	110	--
23...	--	8.3	--	--	--	--	--	--	17	60	--
NOV											
04...	--	8.3	--	--	--	--	--	--	17	50	--
DEC											
10...	20	6.0	0	--	--	1	--	--	16	20	0
JAN , 1981											
13...	--	6.5	--	--	--	--	--	--	19	60	--
23...	--	6.6	--	--	--	--	--	--	15	90	--
FEB											
11...	--	9.5	--	--	--	--	--	--	1.7	10	--
MAR											
03...	--	6.4	--	--	--	--	--	--	15	20	--
APR											
15...	67	6.7	10	--	K13	5	--	--	15	30	0

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 07/08/81
09306042 - PICEANCE CREEK TRIBUTARY NEAR RIO BLANCO, CO. DISTRICT CODE 08

WATER QUALITY DATA

DATE	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MERCURY DIS-SOLVED (UG/L AS HG) (71890)	METHY-LENE BLUE ACTIVE SUB-STANCE (MG/L) (38260)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NITRO-GEN, NITRATE DIS-SOLVED (MG/L AS NO3) (71851)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS NO2) (71856)	OIL AND GREASE (MG/L) (00550)	CARBON, INORG + ORGANIC DIS-SOLVED (MG/L AS C) (00682)	CARBON, INOR-GANIC, DIS-SOLVED (MG/L AS C) (00691)
OCT , 1979											
18...	--	18	2	--	--	--	--	--	--	--	--
NOV											
30...	40	23	4	.0	--	29	--	--	--	--	--
DEC											
08...	--	22	5	--	--	--	--	--	--	--	--
JAN , 1980											
20...	--	17	20	--	--	--	--	--	--	--	--
FEB											
19...	--	7.5	10	--	--	--	--	--	--	--	--
MAR											
26...	40	13	2	.0	--	18	--	--	--	--	--
MAY											
13...	20	11	2	.0	--	24	--	--	--	--	--
JUN											
12...	--	9.0	<3	--	--	--	--	--	--	--	--
JUL											
16...	--	7.6	<3	--	--	--	--	--	--	--	--
AUG											
18...	20	8.4	10	.0	--	9	--	--	--	--	--
SEP											
15...	--	6.7	3	--	--	--	--	--	--	--	--
OCT											
14...	--	7.0	10	--	--	--	--	--	--	--	--
23...	--	7.5	0	--	--	--	--	--	--	--	--
NOV											
04...	--	7.3	10	--	--	--	--	--	--	--	--
DEC											
10...	30	7.6	0	.0	--	51	--	--	--	--	--
JAN , 1981											
13...	--	5.6	10	--	--	--	--	--	--	--	--
23...	--	7.6	--	--	--	31	--	--	--	--	--
FEB											
11...	--	6.3	10	--	--	--	--	--	--	--	--
MAR											
03...	--	6.9	0	--	--	--	--	--	--	--	--
APR											
15...	40	6.1	10	.0	.10	16	--	--	--	--	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 07/08/81
09306042 - PICEANCE CREEK TRIBUTARY NEAR RIO BLANCO, CO. DISTRICT CODE 08

WATER QUALITY DATA

DATE	CARBON, TOTAL (MG/L AS C) (00690)	PHOS-PHORUS, ORTHOPH OSPHATE DISSOL. (MG/L AS PO4) (00660)	ALDRIN, TOTAL (UG/L) (39330)	LINDANE TOTAL (UG/L) (39340)	CHLOR-DANE, TOTAL (UG/L) (39350)	DDD, TOTAL (UG/L) (39360)	DDE, TOTAL (UG/L) (39365)	DDT, TOTAL (UG/L) (39370)	DI-ELDRIN TOTAL (UG/L) (39380)	ENDRIN, TOTAL (UG/L) (39390)	TOX-APHENE, TOTAL (UG/L) (39400)
OCT , 1979											
18...	--	--	--	--	--	--	--	--	--	--	--
NOV											
30...	--	--	--	--	--	--	--	--	--	--	--
DEC											
08...	--	--	--	--	--	--	--	--	--	--	--
JAN , 1980											
20...	--	--	--	--	--	--	--	--	--	--	--
FEB											
19...	--	--	--	--	--	--	--	--	--	--	--
MAR											
26...	--	--	--	--	--	--	--	--	--	--	--
MAY											
13...	--	--	--	--	--	--	--	--	--	--	--
JUN											
12...	--	--	--	--	--	--	--	--	--	--	--
JUL											
16...	--	--	--	--	--	--	--	--	--	--	--
AUG											
18...	--	--	--	--	--	--	--	--	--	--	--
SEP											
15...	--	--	--	--	--	--	--	--	--	--	--
OCT											
14...	--	--	--	--	--	--	--	--	--	--	--
23...	--	--	--	--	--	--	--	--	--	--	--
NOV											
04...	--	--	--	--	--	--	--	--	--	--	--
DEC											
10...	--	--	--	--	--	--	--	--	--	--	--
JAN , 1981											
13...	--	--	--	--	--	--	--	--	--	--	--
23...	--	--	--	--	--	--	--	--	--	--	--
FEB											
11...	--	--	--	--	--	--	--	--	--	--	--
MAR											
03...	--	--	--	--	--	--	--	--	--	--	--
APR											
15...	--	--	--	--	--	--	--	--	--	--	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 07/08/81
09306042 - PICEANCE CREEK TRIBUTARY NEAR RIO BLANCO, CO. DISTRICT CODE 08

WATER QUALITY DATA

DATE	HEPTA-CHLOR, TOTAL (UG/L) (39410)	HEPTA-CHLOR EPOXIDE TOTAL (UG/L) (39420)	PCB TOTAL (UG/L) (39516)	MALA-THION, TOTAL (UG/L) (39530)	PARA-THION, TOTAL (UG/L) (39540)	DI-AZINON, TOTAL (UG/L) (39570)	METHYL PARA-THION, TOTAL (UG/L) (39600)	2,4-D, TOTAL (UG/L) (39730)	2,4,5-T TOTAL (UG/L) (39740)	SILVEX, TOTAL (UG/L) (39760)	PHENOLS (UG/L) (32730)
OCT , 1979											
18...	--	--	--	--	--	--	--	--	--	--	2
NOV											
30...	--	--	--	--	--	--	--	--	--	--	2
DEC											
08...	--	--	--	--	--	--	--	--	--	--	3
JAN , 1980											
20...	--	--	--	--	--	--	--	--	--	--	1
FEB											
19...	--	--	--	--	--	--	--	--	--	--	7
MAR											
26...	--	--	--	--	--	--	--	--	--	--	2
MAY											
13...	--	--	--	--	--	--	--	--	--	--	1
JUN											
12...	--	--	--	--	--	--	--	--	--	--	0
JUL											
16...	--	--	--	--	--	--	--	--	--	--	3
AUG											
18...	--	--	--	--	--	--	--	--	--	--	0
SEP											
15...	--	--	--	--	--	--	--	--	--	--	8
OCT											
14...	--	--	--	--	--	--	--	--	--	--	0
23...	--	--	--	--	--	--	--	--	--	--	3
NOV											
04...	--	--	--	--	--	--	--	--	--	--	0
DEC											
10...	--	--	--	--	--	--	--	--	--	--	4
JAN , 1981											
13...	--	--	--	--	--	--	--	--	--	--	2
23...	--	--	--	--	--	--	--	--	--	--	--
FEB											
11...	--	--	--	--	--	--	--	--	--	--	0
MAR											
03...	--	--	--	--	--	--	--	--	--	--	0
APR											
15...	--	--	--	--	--	--	--	--	--	--	0

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 07/08/81
09306042 - PICEANCE CREEK TRIBUTARY NEAR RIO BLANCO, CO. DISTRICT CODE 08

WATER QUALITY DATA

DATE	POTASSIUM, DIS-SOLVED (MG/L AS K) (00935)	SELENIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SOLIDS, SUM OF CONSTITUENTS, DIS-SOLVED (MG/L) (70301)	STRONTIUM, DIS-SOLVED (UG/L AS SR) (01080)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	SULFIDE DIS-SOLVED (MG/L AS S) (00746)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	GROSS ALPHA, SUSP. TOTAL (PCI/L AS U-NAT) (01516)	GROSS BETA, DIS-SOLVED (PCI/L AS CS-137) (03515)
OCT , 1979											
18...	6.7	--	53	220	891	--	410	--	--	--	--
NOV											
30...	6.4	0	38	280	1000	1700	300	--	<3	5.4	6.5
DEC											
08...	4.7	--	27	290	966	--	250	--	--	--	--
JAN , 1980											
20...	6.3	--	7.6	280	1010	--	430	--	--	--	--
FEB											
19...	4.1	--	32	120	491	--	140	--	--	--	--
MAR											
26...	5.7	0	44	410	1190	750	300	--	<3	43	2.3
MAY											
13...	6.2	1	7.5	370	1040	920	260	--	<3	7.5	<8.2
JUN											
12...	5.6	--	59	380	1170	--	370	--	--	--	--
JUL											
16...	5.4	--	43	430	1230	--	300	--	--	--	--
AUG											
18...	4.4	0	18	600	1520	1000	180	--	20	10	<12
SEP											
15...	5.8	--	42	550	1520	--	320	--	--	--	--
OCT											
14...	6.0	--	--	570	1580	--	490	--	--	--	--
23...	4.3	--	62	580	1550	--	270	--	--	--	--
NOV											
04...	5.5	--	8.2	570	1570	--	470	--	--	--	--
DEC											
10...	4.5	0	35	510	1360	1000	200	--	10	3.6	<11
JAN , 1981											
13...	3.3	--	46	540	1480	--	410	--	--	--	--
23...	4.4	--	13	490	1450	710	420	--	--	--	--
FEB											
11...	2.2	--	31	510	1440	--	410	--	--	--	--
MAR											
03...	2.7	--	31	530	1470	--	340	--	--	--	--
APR											
15...	3.5	0	37	540	1430	770	250	--	10	.3	<16

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306050 - SCANDARD GULCH NEAR RIO BLANCO, CO.

PROCESS DATE 07/08/81
DISTRICT CODE 08

WATER QUALITY DATA

DATE	ALKA-LINITY (MG/L AS CACO3) (00410)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BICAR-BONATE (MG/L AS HCO3) (00440)	OXYGEN DEMAND, BIOCHEM UNINHIB 5 DAY (MG/L) (00310)	BORON, DIS-SOLVED (UG/L AS B) (01020)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	CAR-BONATE (MG/L AS CO3) (00445)
FEB , 1980												
19...	37	--	.100	1	--	--	--	150	--	--	15	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306050 - SCANDARD GULCH NEAR RIO BLANCO, CO.

PROCESS DATE 07/08/81
DISTRICT CODE 08

WATER QUALITY DATA

DATE	OXYGEN DEMAND, CHEM-ICAL (HIGH LEVEL) (MG/L) (00340)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COLI-FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML) (31616)	COLI-FORM, TOTAL, IMMED. (COLS. PER 100 ML) (31501)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	CYANIDE DIS-SOLVED (MG/L AS CN) (00723)	STREP-TOCOCCI FECAL, (COLS. PER 100 ML) (31679)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)
FEB , 1980											
19...	--	3.4	--	--	K24	--	--	--	.1	30	--

09306050 - SCANDARD GULCH NEAR RIO BLANCO, CO. DISTRICT CODE 08

WATER QUALITY DATA

DATE	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MERCURY DIS-SOLVED (UG/L AS HG) (71890)	METHY-LENE BLUE ACTIVE SUB-STANCE (MG/L) (38260)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NITRO-GEN, NITRATE DIS-SOLVED (MG/L AS NO3) (71851)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS NO2) (71856)	OIL AND GREASE (MG/L) (00550)	CARBON, INORG + ORGANIC DIS-SOLVED (MG/L AS C) (00682)	CARBON, INOR-GANIC, DIS-SOLVED (MG/L AS C) (00691)
FEB , 1980											
19...	--	1.4	<1	--	--	--	--	--	--	--	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 07/08/81
09306050 - SCANDARD GULCH NEAR RIO BLANCO, CO. DISTRICT CODE 08

WATER QUALITY DATA

DATE	CARBON, TOTAL (MG/L AS C) (00690)	PHOS-PHORUS, ORTHOPHOSPHATE DISSOL. (MG/L AS PO4) (00660)	ALDRIN, TOTAL (UG/L) (39330)	LINDANE TOTAL (UG/L) (39340)	CHLOR-DANE, TOTAL (UG/L) (39350)	DDD, TOTAL (UG/L) (39360)	DDE, TOTAL (UG/L) (39365)	DDT, TOTAL (UG/L) (39370)	DI-ELDRIN TOTAL (UG/L) (39380)	ENDRIN, TOTAL (UG/L) (39390)	TOX-APHENE, TOTAL (UG/L) (39400)
FEB , 1980											
19...	--	--	--	--	--	--	--	--	--	--	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306050 - SCANDARD GULCH NEAR RIO BLANCO, CO.

PROCESS DATE 07/08/81
DISTRICT CODE 08

WATER QUALITY DATA

DATE	HEPTA-CHLOR, TOTAL (UG/L) (39410)	HEPTA-CHLOR EPOXIDE TOTAL (UG/L) (39420)	PCB TOTAL (UG/L) (39516)	MALA-THION, TOTAL (UG/L) (39530)	PARA-THION, TOTAL (UG/L) (39540)	DI-AZINON, TOTAL (UG/L) (39570)	METHYL PARA-THION, TOTAL (UG/L) (39600)	2,4-D, TOTAL (UG/L) (39730)	2,4,5-T TOTAL (UG/L) (39740)	SILVEX, TOTAL (UG/L) (39760)	PHENOLS (UG/L) (32730)
FEB , 1980 19...	--	--	--	--	--	--	--	--	--	--	13

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306050 - SCANDARD GULCH NEAR RIO BLANCO, CO.

PROCESS DATE 07/08/81
DISTRICT CODE 08

WATER QUALITY DATA

DATE	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	STRONTIUM, DISSOLVED (UG/L AS SR) (01080)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	SULFIDE DISSOLVED (MG/L AS S) (00746)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	GROSS ALPHA, SUSP. TOTAL (PCI/L AS U-NAT) (01516)	GROSS BETA, DISSOLVED (PCI/L AS CS-137) (03515)
FEB , 1980											
19...	6.1	--	3.1	1.6	70	--	17	--	--	--	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 07/08/81
09306052 - SCANDARD GULCH AT MOUTH, NEAR RIO BLANCO, CO. DISTRICT CODE 08

WATER QUALITY DATA

DATE	ALKA-LINITY (MG/L AS CACO3) (00410)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BICAR-BONATE (MG/L AS HCO3) (00440)	OXYGEN DEMAND, BIOCHEM UNINHIB 5 DAY (MG/L) (00310)	BORON, DIS-SOLVED (UG/L AS B) (01020)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	CAR-BONATE (MG/L AS CO3) (00445)
FEB , 1980 19...	68	110	.070	3	100	--	--	80	.1	0	21	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 07/08/81
09306052 - SCANDARD GULCH AT MOUTH, NEAR RIO BLANCO, CO. DISTRICT CODE 08

WATER QUALITY DATA

DATE	OXYGEN DEMAND, CHEM- ICAL (HIGH LEVEL) (MG/L) (00340)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR) (01030)	COLI- FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML) (31616)	COLI- FORM, TOTAL, IMMED. (COLS. PER 100 ML) (31501)	COPPER, DIS- SOLVED (UG/L AS CU) (01040)	CYANIDE DIS- SOLVED (MG/L AS CN) (00723)	STREP- TOCOCCI FECAL, (COLS. PER 100 ML) (31679)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	LEAD, DIS- SOLVED (UG/L AS PB) (01049)
FEB , 1980											
19...	140	5.5	0	--	740	2	--	--	.3	60	0

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 07/08/81

09306052 - SCANDARD GULCH AT MOUTH, NEAR RIO BLANCO, CO. DISTRICT CODE 08

WATER QUALITY DATA

DATE	LITHIUM DIS- SOLVED (UG/L AS LI) (01130)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	MERCURY DIS- SOLVED (UG/L AS HG) (71890)	METHY- LENE BLUE ACTIVE SUB- STANCE (MG/L) (38260)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO) (01060)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3) (71851)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2) (71856)	OIL AND GREASE (MG/L) (00550)	CARBON, INORG + ORGANIC DIS- SOLVED (MG/L AS C) (00682)	CARBON, INOR- GANIC, DIS- SOLVED (MG/L AS C) (00691)
FEB , 1980											
19...	0	3.7	10	.0	--	2	--	--	--	--	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306052 - SCANDARD GULCH AT MOUTH, NEAR RIO BLANCO, CO.

WATER QUALITY DATA

DATE	CARBON, TOTAL (MG/L AS C) (00690)	PHOS- PHORUS, ORTHOPH OSPHATE DISSOL. (MG/L AS PO4) (00660)	ALDRIN, TOTAL (UG/L) (39330)	LINDANE TOTAL (UG/L) (39340)	CHLOR- DANE, TOTAL (UG/L) (39350)	DDD, TOTAL (UG/L) (39360)	DDE, TOTAL (UG/L) (39365)	DDT, TOTAL (UG/L) (39370)	DI- ELDRIN TOTAL (UG/L) (39380)	ENDRIN, TOTAL (UG/L) (39390)	TOX- APHENE, TOTAL (UG/L) (39400)
FEB , 1980											
19...	--	--	--	--	--	--	--	--	--	--	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306052 - SCANDARD GULCH AT MOUTH, NEAR RIO BLANCO, CO.

PROCESS DATE 07/08/81
DISTRICT CODE 08

WATER QUALITY DATA

DATE	HEPTA-CHLOR, TOTAL (UG/L) (39410)	HEPTA-CHLOR EPOXIDE TOTAL (UG/L) (39420)	PCB TOTAL (UG/L) (39516)	MALA-THION, TOTAL (UG/L) (39530)	PARA-THION, TOTAL (UG/L) (39540)	DI-AZINON, TOTAL (UG/L) (39570)	METHYL PARA-THION, TOTAL (UG/L) (39600)	2,4-D, TOTAL (UG/L) (39730)	2,4,5-T TOTAL (UG/L) (39740)	SILVEX, TOTAL (UG/L) (39760)	PHENOLS (UG/L) (32730)
FEB , 1980											
19...	--	--	--	--	--	--	--	--	--	--	5

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 07/08/81
09306052 - SCANDARD GULCH AT MOUTH, NEAR RIO BLANCO, CO. DISTRICT CODE 08

WATER QUALITY DATA

DATE	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	STRON-TIUM, DIS-SOLVED (UG/L AS SR) (01080)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	SULFIDE DIS-SOLVED (MG/L AS S) (00746)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	GROSS ALPHA, SUSP. TOTAL (PCI/L AS U-NAT) (01516)	GROSS BETA, DIS-SOLVED (PCI/L AS CS-137) (03515)
FEB , 1980											
19...	4.8	0	8.7	21	136	180	28	--	10	39	8.5

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306058 - WILLOW CREEK NEAR RIO BLANCO, CO.

PROCESS DATE 07/08/81
DISTRICT CODE 08

WATER QUALITY DATA

DATE	ALKA-LINITY (MG/L AS CACO3) (00410)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BICAR-BONATE (MG/L AS HCO3) (00440)	OXYGEN DEMAND, BIOCHEM UNINHIB 5 DAY (MG/L) (00310)	BORON, DIS-SOLVED (UG/L AS B) (01020)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	CAR-BONATE (MG/L AS CO3) (00445)
OCT , 1979												
24...	410	--	.000	2	--	--	--	120	--	--	88	--
NOV												
15...	400	--	.010	3	--	--	--	120	--	--	95	--
DEC												
13...	410	20	.010	2	60	--	--	100	.1	<1	98	--
JAN , 1980												
22...	390	--	.020	2	--	--	--	110	--	--	91	--
FEB												
19...	340	--	.240	1	--	--	--	140	--	--	76	--
MAR												
25...	370	--	.000	2	--	--	--	110	--	--	86	--
APR												
24...	360	--	.000	1	--	--	--	110	--	--	82	--
MAY												
06...	240	10	.010	2	60	--	--	130	.1	<1	71	--
JUN												
12...	400	--	.070	3	--	--	--	160	--	--	86	--
JUL												
16...	460	--	.000	2	--	--	--	190	--	--	89	--
AUG												
18...	380	0	.000	2	80	--	--	150	.0	<1	86	--
SEP												
15...	360	--	.010	2	--	--	--	120	--	--	80	--
OCT												
14...	370	--	.000	2	--	--	--	110	--	--	77	--
NOV												
04...	--	--	.080	2	--	--	--	150	--	--	79	--
DEC												
10...	--	10	.000	1	70	--	--	150	.0	<1	88	--
JAN , 1981												
13...	--	--	.040	2	--	--	--	100	--	--	82	--
23...	--	--	.020	--	--	--	--	110	--	--	76	--
FEB												
11...	--	--	.060	2	--	--	--	110	--	--	92	--
MAR												
03...	--	--	.040	1	--	--	--	110	--	--	89	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 07/08/81
09306058 - WILLOW CREEK NEAR RIO BLANCO, CO. DISTRICT CODE 08

WATER QUALITY DATA

DATE	OXYGEN DEMAND, CHEM-ICAL (HIGH LEVEL) (MG/L) (00340)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COLI-FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML) (31616)	COLI-FORM, TOTAL, IMMED. (COLS. PER 100 ML) (31501)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	CYANIDE DIS-SOLVED (MG/L AS CN) (00723)	STREP-TOCOCCI FECAL, (COLS. PER 100 ML) (31679)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)
OCT , 1979											
24...	--	14	--	--	--	--	--	--	.4	50	--
NOV											
15...	--	10	--	--	--	--	--	--	.3	120	--
DEC											
13...	12	10	0	--	>800	0	--	--	.4	<10	0
JAN , 1980											
22...	--	11	--	--	--	--	--	--	.4	10	--
FEB											
19...	--	10	--	--	--	--	--	--	.3	70	--
MAR											
25...	--	10	--	--	--	--	--	--	.0	<10	--
APR											
24...	--	11	--	--	--	--	--	--	.4	<10	--
MAY											
06...	1	11	0	--	--	2	--	--	.3	<10	0
JUN											
12...	--	10	--	--	--	--	--	--	.1	30	--
JUL											
16...	--	12	--	--	--	--	--	--	.7	<10	--
AUG											
18...	11	11	10	--	K66	2	--	--	.6	<10	0
SEP											
15...	--	10	--	--	--	--	--	--	.4	<10	--
OCT											
14...	--	11	--	--	--	--	--	--	.2	<10	--
NOV											
04...	--	11	--	--	--	--	--	--	.6	20	--
DEC											
10...	10	10	10	--	110	3	--	--	.7	10	2
JAN , 1981											
13...	--	11	--	--	--	--	--	--	.6	<10	--
23...	--	10	--	--	--	--	--	--	.3	30	--
FEB											
11...	--	11	--	--	--	--	--	--	.3	<10	--
MAR											
03...	--	11	--	--	--	--	--	--	.3	<10	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306058 - WILLOW CREEK NEAR RIO BLANCO, CO.

PROCESS DATE 07/08/81
DISTRICT CODE 08

WATER QUALITY DATA

DATE	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MERCURY DIS-SOLVED (UG/L AS HG) (71890)	METHY-LENE BLUE ACTIVE SUB-STANCE (MG/L) (38260)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NITRO-GEN, NITRATE DIS-SOLVED (MG/L AS NO3) (71851)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS NO2) (71856)	OIL AND GREASE (MG/L) (00550)	CARBON, INORG + ORGANIC DIS-SOLVED (MG/L AS C) (00682)	CARBON, INOR-GANIC, DIS-SOLVED (MG/L AS C) (00691)
OCT , 1979											
24...	--	69	10	--	--	--	--	--	--	--	--
NOV											
15...	--	68	10	--	--	--	--	--	--	--	--
DEC											
13...	7	73	7	.0	--	<10	--	--	--	--	--
JAN , 1980											
22...	--	67	10	--	--	--	--	--	--	--	--
FEB											
19...	--	55	30	--	--	--	--	--	--	--	--
MAR											
25...	--	63	10	--	--	--	--	--	--	--	--
APR											
24...	--	69	7	--	--	--	--	--	--	--	--
MAY											
06...	9	68	2	.0	--	<10	--	--	--	--	--
JUN											
12...	--	69	20	--	--	--	--	--	--	--	--
JUL											
16...	--	74	20	--	--	--	--	--	--	--	--
AUG											
18...	6	61	10	.0	--	11	--	--	--	--	--
SEP											
15...	--	66	4	--	--	--	--	--	--	--	--
OCT											
14...	--	66	5	--	--	--	--	--	--	--	--
NOV											
04...	--	62	6	--	--	--	--	--	--	--	--
DEC											
10...	9	66	8	.0	--	<10	--	--	--	--	--
JAN , 1981											
13...	--	69	10	--	--	--	--	--	--	--	--
23...	--	64	--	--	--	<10	--	--	--	--	--
FEB											
11...	--	71	10	--	--	--	--	--	--	--	--
MAR											
03...	--	64	8	--	--	--	--	--	--	--	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 07/08/81
09306058 - WILLOW CREEK NEAR RIO BLANCO, CO. DISTRICT CODE 08

WATER QUALITY DATA

DATE	CARBON, TOTAL (MG/L AS C) (00690)	PHOS-PHORUS, ORTHOPHOSPHATE DISSOL. (MG/L AS PO4) (00660)	ALDRIN, TOTAL (UG/L) (39330)	LINDANE TOTAL (UG/L) (39340)	CHLOR-DANE, TOTAL (UG/L) (39350)	DDD, TOTAL (UG/L) (39360)	DDE, TOTAL (UG/L) (39365)	DDT, TOTAL (UG/L) (39370)	DI-ELDRIN TOTAL (UG/L) (39380)	ENDRIN, TOTAL (UG/L) (39390)	TOX-APHENE, TOTAL (UG/L) (39400)
OCT , 1979											
24...	--	--	--	--	--	--	--	--	--	--	--
NOV											
15...	--	--	--	--	--	--	--	--	--	--	--
DEC											
13...	--	--	--	--	--	--	--	--	--	--	--
JAN , 1980											
22...	--	--	--	--	--	--	--	--	--	--	--
FEB											
19...	--	--	--	--	--	--	--	--	--	--	--
MAR											
25...	--	--	--	--	--	--	--	--	--	--	--
APR											
24...	--	--	--	--	--	--	--	--	--	--	--
MAY											
06...	--	--	--	--	--	--	--	--	--	--	--
JUN											
12...	--	--	--	--	--	--	--	--	--	--	--
JUL											
16...	--	--	--	--	--	--	--	--	--	--	--
AUG											
18...	--	--	--	--	--	--	--	--	--	--	--
SEP											
15...	--	--	--	--	--	--	--	--	--	--	--
OCT											
14...	--	--	--	--	--	--	--	--	--	--	--
NOV											
04...	--	--	--	--	--	--	--	--	--	--	--
DEC											
10...	--	--	--	--	--	--	--	--	--	--	--
JAN , 1981											
13...	--	--	--	--	--	--	--	--	--	--	--
23...	--	--	--	--	--	--	--	--	--	--	--
FEB											
11...	--	--	--	--	--	--	--	--	--	--	--
MAR											
03...	--	--	--	--	--	--	--	--	--	--	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306058 - WILLOW CREEK NEAR RIO BLANCO, CO.

PROCESS DATE 07/08/81
DISTRICT CODE 08

WATER QUALITY DATA

DATE	HEPTA-CHLOR, TOTAL (UG/L) (39410)	HEPTA-CHLOR EPOXIDE TOTAL (UG/L) (39420)	PCB TOTAL (UG/L) (39516)	MALA-THION, TOTAL (UG/L) (39530)	PARA-THION, TOTAL (UG/L) (39540)	DI-AZINON, TOTAL (UG/L) (39570)	METHYL PARA-THION, TOTAL (UG/L) (39600)	2,4-D, TOTAL (UG/L) (39730)	2,4,5-T TOTAL (UG/L) (39740)	SILVEX, TOTAL (UG/L) (39760)	PHENOLS (UG/L) (32730)
OCT , 1979											
24...	--	--	--	--	--	--	--	--	--	--	0
NOV											
15...	--	--	--	--	--	--	--	--	--	--	2
DEC											
13...	--	--	--	--	--	--	--	--	--	--	3
JAN , 1980											
22...	--	--	--	--	--	--	--	--	--	--	1
FEB											
19...	--	--	--	--	--	--	--	--	--	--	4
MAR											
25...	--	--	--	--	--	--	--	--	--	--	0
APR											
24...	--	--	--	--	--	--	--	--	--	--	5
MAY											
06...	--	--	--	--	--	--	--	--	--	--	6
JUN											
12...	--	--	--	--	--	--	--	--	--	--	1
JUL											
16...	--	--	--	--	--	--	--	--	--	--	1
AUG											
18...	--	--	--	--	--	--	--	--	--	--	0
SEP											
15...	--	--	--	--	--	--	--	--	--	--	1
OCT											
14...	--	--	--	--	--	--	--	--	--	--	0
NOV											
04...	--	--	--	--	--	--	--	--	--	--	3
DEC											
10...	--	--	--	--	--	--	--	--	--	--	0
JAN , 1981											
13...	--	--	--	--	--	--	--	--	--	--	1
23...	--	--	--	--	--	--	--	--	--	--	--
FEB											
11...	--	--	--	--	--	--	--	--	--	--	0
MAR											
03...	--	--	--	--	--	--	--	--	--	--	0

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306058 - WILLOW CREEK NEAR RIO BLANCO, CO.

PROCESS DATE 07/08/81
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WATER QUALITY DATA

DATE	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	STRONTIUM, DISSOLVED (UG/L AS SR) (01080)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	SULFIDE DISSOLVED (MG/L AS S) (00746)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	GROSS ALPHA, SUSP. TOTAL (PCI/L AS U-NAT) (01516)	GROSS BETA, DISSOLVED (PCI/L AS CS-137) (03515)
OCT , 1979											
24...	2.4	--	15	110	876	--	330	--	--	--	--
NOV											
15...	2.0	--	16	110	845	--	300	--	--	--	--
DEC											
13...	1.5	1	17	120	902	3100	330	--	<3	<2.0	<7.2
JAN , 1980											
22...	1.5	--	16	120	853	--	310	--	--	--	--
FEB											
19...	5.6	--	14	92	699	--	240	--	--	--	--
MAR											
25...	1.3	--	14	110	808	--	300	--	--	--	--
APR											
24...	1.4	--	15	110	817	--	310	--	--	--	--
MAY											
06...	1.5	1	13	110	767	2600	350	--	<3	<.3	<5.8
JUN											
12...	3.2	--	17	110	848	--	310	--	--	--	--
JUL											
16...	2.4	--	18	130	944	--	340	--	--	--	--
AUG											
18...	2.2	1	17	110	841	2700	320	--	4	1.3	<5.9
SEP											
15...	1.5	--	16	110	812	--	310	--	--	--	--
OCT											
14...	2.1	--	16	120	817	--	300	--	--	--	--
NOV											
04...	1.4	--	16	110	779	--	280	--	--	--	--
DEC											
10...	2.3	1	17	120	848	2700	310	--	<3	1.3	10
JAN , 1981											
13...	1.1	--	16	110	827	--	300	--	--	--	--
23...	1.4	--	17	120	804	2500	300	--	--	--	--
FEB											
11...	.7	--	17	120	881	--	320	--	--	--	--
MAR											
03...	1.4	--	16	110	800	--	290	--	--	--	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 07/08/81
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WATER QUALITY DATA

DATE	ALKA- LINITY (MG/L AS CACO3) (00410)	ALUM- INUM, DIS- SOLVED (UG/L AS AL) (01106)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	ARSENIC DIS- SOLVED (UG/L AS AS) (01000)	BARIUM, DIS- SOLVED (UG/L AS BA) (01005)	BICAR- BONATE (MG/L AS HCO3) (00440)	OXYGEN DEMAND, BIOCHEM UNINHIB 5 DAY (MG/L) (00310)	BORON, DIS- SOLVED (UG/L AS B) (01020)	BROMIDE DIS- SOLVED (MG/L AS BR) (71870)	CADMIUM DIS- SOLVED (UG/L AS CD) (01025)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	CAR- BONATE (MG/L AS CO3) (00445)
OCT , 1979												
24...	480	--	.000	3	--	--	--	200	--	--	72	--
NOV												
15...	430	--	.080	4	--	--	--	180	--	--	79	--
DEC												
12...	450	10	.050	2	90	--	--	170	.1	<1	82	--
JAN , 1980												
22...	450	--	.040	3	--	--	--	200	--	--	78	--
FEB												
19...	260	20	.140	3	200	--	--	170	.1	0	48	--
MAR												
25...	410	--	.060	2	--	--	--	150	--	--	70	--
APR												
24...	290	--	.000	3	--	--	--	140	--	--	55	--
MAY												
14...	290	10	.010	4	90	--	--	110	.1	<1	60	--
JUN												
12...	480	--	.030	3	--	--	--	240	--	--	75	--
JUL												
16...	520	--	.000	3	--	--	--	250	--	--	82	--
AUG												
18...	450	0	.000	3	90	--	--	230	.4	1	67	--
SEP												
15...	430	20	.010	3	90	--	--	200	.0	<1	66	--
OCT												
14...	480	--	.060	3	--	--	--	180	--	--	69	--
NOV												
04...	360	--	.090	3	--	--	--	210	--	--	70	--
DEC												
10...	--	10	.010	3	100	--	--	230	.0	<1	71	--
JAN , 1981												
13...	--	--	.090	3	--	--	--	260	--	--	65	--
23...	--	--	.050	--	--	--	--	250	--	--	66	--
FEB												
11...	--	--	.140	4	--	--	--	310	--	--	63	--
MAR												
03...	--	--	.090	2	--	--	--	250	--	--	66	--
APR												
15...	--	10	.060	2	200	--	--	250	.0	<1	63	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 07/08/81
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WATER QUALITY DATA

DATE	OXYGEN DEMAND, CHEM-ICAL (HIGH LEVEL) (MG/L) (00340)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COLI-FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML) (31616)	COLI-FORM, TOTAL, IMMED. (COLS. PER 100 ML) (31501)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	CYANIDE DIS-SOLVED (MG/L AS CN) (00723)	STREP-TOCOCCI FECAL, (COLS. PER 100 ML) (31679)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)
OCT , 1979											
24...	--	15	--	--	--	--	--	--	.7	20	--
NOV											
15...	--	11	--	--	--	--	--	--	.6	20	--
DEC											
12...	20	11	0	--	--	0	--	--	.8	10	0
JAN , 1980											
22...	--	12	--	--	--	--	--	--	.7	<10	--
FEB											
19...	110	12	0	--	K2000	1	--	--	.5	150	0
MAR											
25...	--	10	--	--	--	--	--	--	.0	20	--
APR											
24...	--	11	--	--	--	--	--	--	.5	50	--
MAY											
14...	88	8.6	0	--	1200	4	--	--	.7	<10	0
JUN											
12...	--	12	--	--	--	--	--	--	.2	10	--
JUL											
16...	--	13	--	--	--	--	--	--	1.0	20	--
AUG											
18...	13	11	0	--	K40	2	--	--	1.5	<10	0
SEP											
15...	16	11	20	--	100	2	--	--	1.4	<10	1
OCT											
14...	--	13	--	--	--	--	--	--	.6	20	--
NOV											
04...	--	12	--	--	--	--	--	--	1.5	20	--
DEC											
10...	16	11	0	--	170	0	--	--	2.8	20	1
JAN , 1981											
13...	--	11	--	--	--	--	--	--	4.8	10	--
23...	--	11	--	--	--	--	--	--	1.6	20	--
FEB											
11...	--	10	--	--	--	--	--	--	4.3	10	--
MAR											
03...	--	11	--	--	--	--	--	--	3.1	10	--
APR											
15...	63	11	10	--	80	2	--	--	2.9	30	3

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WATER QUALITY DATA

DATE	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MERCURY DIS-SOLVED (UG/L AS HG) (71890)	METHY-LENE BLUE ACTIVE SUB-STANCE (MG/L) (38260)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NITRO-GEN, NITRATE DIS-SOLVED (MG/L AS NO3) (71851)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS NO2) (71856)	OIL AND GREASE (MG/L) (00550)	CARBON, INORG + ORGANIC DIS-SOLVED (MG/L AS C) (00682)	CARBON, INOR-GANIC, DIS-SOLVED (MG/L AS C) (00691)
OCT , 1979											
24...	--	63	90	--	--	--	--	--	--	--	--
NOV											
15...	--	61	40	--	--	--	--	--	--	--	--
DEC											
12...	9	64	30	.0	--	<10	--	--	--	--	--
JAN , 1980											
22...	--	61	30	--	--	--	--	--	--	--	--
FEB											
19...	0	38	50	.0	.00	3	--	--	--	--	--
MAR											
25...	--	54	20	--	--	--	--	--	--	--	--
APR											
24...	--	35	5	--	--	--	--	--	--	--	--
MAY											
14...	20	34	7	.0	.00	10	--	--	--	--	--
JUN											
12...	--	69	60	--	--	--	--	--	--	--	--
JUL											
16...	--	74	50	--	--	--	--	--	--	--	--
AUG											
18...	7	51	10	.0	--	18	--	--	--	--	--
SEP											
15...	10	57	10	.0	.00	<10	--	--	--	--	--
OCT											
14...	--	68	50	--	--	--	--	--	--	--	--
NOV											
04...	--	63	40	--	--	--	--	--	--	--	--
DEC											
10...	10	55	40	.0	--	18	--	--	--	--	--
JAN , 1981											
13...	--	57	20	--	--	--	--	--	--	--	--
23...	--	52	--	--	--	14	--	--	--	--	--
FEB											
11...	--	52	30	--	--	--	--	--	--	--	--
MAR											
03...	--	53	20	--	--	--	--	--	--	--	--
APR											
15...	10	61	30	.0	.10	<10	--	--	--	--	--

WATER QUALITY DATA

DATE	CARBON, TOTAL (MG/L AS C) (00690)	PHOS-PHORUS, ORTHOPH OSPHATE DISSOL. (MG/L AS PO4) (00660)	ALDRIN, TOTAL (UG/L) (39330)	LINDANE TOTAL (UG/L) (39340)	CHLOR-DANE, TOTAL (UG/L) (39350)	DDD, TOTAL (UG/L) (39360)	DDE, TOTAL (UG/L) (39365)	DDT, TOTAL (UG/L) (39370)	DI-ELDRIN TOTAL (UG/L) (39380)	ENDRIN, TOTAL (UG/L) (39390)	TOX-APHENE, TOTAL (UG/L) (39400)
OCT , 1979											
24...	--	--	--	--	--	--	--	--	--	--	--
NOV											
15...	--	--	--	--	--	--	--	--	--	--	--
DEC											
12...	--	--	--	--	--	--	--	--	--	--	--
JAN , 1980											
22...	--	--	--	--	--	--	--	--	--	--	--
FEB											
19...	--	--	--	--	--	--	--	--	--	--	--
MAR											
25...	--	--	--	--	--	--	--	--	--	--	--
APR											
24...	--	--	--	--	--	--	--	--	--	--	--
MAY											
14...	--	--	--	--	--	--	--	--	--	--	--
JUN											
12...	--	--	--	--	--	--	--	--	--	--	--
JUL											
16...	--	--	--	--	--	--	--	--	--	--	--
AUG											
18...	--	--	--	--	--	--	--	--	--	--	--
SEP											
15...	--	--	--	--	--	--	--	--	--	--	--
OCT											
14...	--	--	--	--	--	--	--	--	--	--	--
NOV											
04...	--	--	--	--	--	--	--	--	--	--	--
DEC											
10...	--	--	--	--	--	--	--	--	--	--	--
JAN , 1981											
13...	--	--	--	--	--	--	--	--	--	--	--
23...	--	--	--	--	--	--	--	--	--	--	--
FEB											
11...	--	--	--	--	--	--	--	--	--	--	--
MAR											
03...	--	--	--	--	--	--	--	--	--	--	--
APR											
15...	--	--	--	--	--	--	--	--	--	--	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 07/08/81
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WATER QUALITY DATA

DATE	HEPTA-CHLOR, TOTAL (UG/L) (39410)	HEPTA-CHLOR EPOXIDE TOTAL (UG/L) (39420)	PCB TOTAL (UG/L) (39516)	MALA-THION, TOTAL (UG/L) (39530)	PARA-THION, TOTAL (UG/L) (39540)	DI-AZINON, TOTAL (UG/L) (39570)	METHYL PARA-THION, TOTAL (UG/L) (39600)	2,4-D, TOTAL (UG/L) (39730)	2,4,5-T TOTAL (UG/L) (39740)	SILVEX, TOTAL (UG/L) (39760)	PHENOLS (UG/L) (32730)
OCT , 1979											
24...	--	--	--	--	--	--	--	--	--	--	0
NOV											
15...	--	--	--	--	--	--	--	--	--	--	2
DEC											
12...	--	--	--	--	--	--	--	--	--	--	2
JAN , 1980											
22...	--	--	--	--	--	--	--	--	--	--	1
FEB											
19...	--	--	--	--	--	--	--	--	--	--	12
MAR											
25...	--	--	--	--	--	--	--	--	--	--	0
APR											
24...	--	--	--	--	--	--	--	--	--	--	3
MAY											
14...	--	--	--	--	--	--	--	--	--	--	1
JUN											
12...	--	--	--	--	--	--	--	--	--	--	2
JUL											
16...	--	--	--	--	--	--	--	--	--	--	1
AUG											
18...	--	--	--	--	--	--	--	--	--	--	0
SEP											
15...	--	--	--	--	--	--	--	--	--	--	4
OCT											
14...	--	--	--	--	--	--	--	--	--	--	0
NOV											
04...	--	--	--	--	--	--	--	--	--	--	3
DEC											
10...	--	--	--	--	--	--	--	--	--	--	0
JAN , 1981											
13...	--	--	--	--	--	--	--	--	--	--	1
23...	--	--	--	--	--	--	--	--	--	--	--
FEB											
11...	--	--	--	--	--	--	--	--	--	--	0
MAR											
03...	--	--	--	--	--	--	--	--	--	--	1
APR											
15...	--	--	--	--	--	--	--	--	--	--	3

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 07/08/81
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WATER QUALITY DATA

DATE	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	STRONTIUM, DISSOLVED (UG/L AS SR) (01080)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	SULFIDE DISSOLVED (MG/L AS S) (00746)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	GROSS ALPHA, SUSP. TOTAL (PCI/L AS U-NAT) (01516)	GROSS BETA, DISSOLVED (PCI/L AS CS-137) (03515)
OCT , 1979											
24...	3.5	--	16	140	870	--	270	--	--	--	--
NOV											
15...	3.0	--	16	130	821	--	260	--	--	--	--
DEC											
12...	2.5	1	18	140	866	2300	270	--	<3	<2.1	<7.5
JAN , 1980											
22...	2.5	--	16	130	844	--	270	--	--	--	--
FEB											
19...	8.0	0	16	76	510	1300	150	--	0	--	--
MAR											
25...	2.3	--	14	120	770	--	250	--	--	--	--
APR											
24...	3.0	--	13	91	547	--	160	--	--	--	--
MAY											
14...	2.6	2	13	76	510	930	130	--	<3	50	5.4
JUN											
12...	4.4	--	19	170	940	--	300	--	--	--	--
JUL											
16...	3.7	--	18	150	965	--	310	--	--	--	--
AUG											
18...	3.2	1	17	150	837	2000	260	--	4	3.0	<5.7
SEP											
15...	3.2	1	13	160	825	2100	250	--	4	1.6	<6.0
OCT											
14...	3.5	--	18	170	962	--	330	--	--	--	--
NOV											
04...	3.3	--	20	180	932	--	280	--	--	--	--
DEC											
10...	3.8	1	19	180	892	2200	260	--	<3	2.4	<6.2
JAN , 1981											
13...	2.2	--	22	200	939	--	290	--	--	--	--
23...	2.2	--	23	180	886	1900	280	--	--	--	--
FEB											
11...	2.1	--	20	230	995	--	320	--	--	--	--
MAR											
03...	2.4	--	19	190	901	--	270	--	--	--	--
APR											
15...	2.8	1	19	200	980	2400	320	--	10	.3	<11

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 07/08/81
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WATER QUALITY DATA

DATE	ALKA-LINITY (MG/L AS CACO3) (00410)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BICAR-BONATE (MG/L AS HCO3) (00440)	OXYGEN DEMAND, BIOCHEM UNINHIB 5 DAY (MG/L) (00310)	BORON, DIS-SOLVED (UG/L AS B) (01020)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	CAR-BONATE (MG/L AS CO3) (00445)
OCT , 1979												
22...	570	--	--	3	80	--	--	250	--	<1	85	--
NOV												
15...	450	--	--	3	70	--	--	180	--	1	78	--
DEC												
18...	490	--	--	2	80	--	--	170	--	<1	82	--
JAN , 1980												
23...	480	--	--	2	70	--	--	180	--	<1	85	--
FEB												
19...	350	--	--	3	200	--	--	190	--	0	36	--
MAR												
26...	430	--	--	2	70	--	--	160	--	<1	74	--
APR												
21...	210	--	--	2	60	--	--	100	--	<1	37	--
MAY												
20...	350	--	--	3	90	--	--	140	--	1	69	--
JUN												
10...	490	--	--	4	100	--	--	180	--	<1	81	--
JUL												
15...	600	--	--	4	90	--	--	270	--	<1	80	--
AUG												
19...	460	--	--	3	80	--	--	240	--	2	71	--
SEP												
17...	550	--	--	4	90	--	--	280	--	<1	75	--
OCT												
15...	550	--	--	5	100	--	--	180	--	<1	81	--
NOV												
04...	--	--	--	3	80	--	--	200	--	<1	76	--
DEC												
11...	--	--	--	3	90	--	--	200	--	<1	75	--
JAN , 1981												
14...	--	--	.040	3	90	--	--	210	--	<1	74	--
23...	--	--	.040	--	--	--	--	220	--	--	67	--
FEB												
12...	--	--	--	4	90	--	--	180	--	<1	76	--
MAR												
04...	--	--	--	2	90	--	--	180	--	<1	74	--
APR												
16...	--	--	.050	2	100	--	--	200	--	<1	75	--

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DATE	OXYGEN DEMAND, CHEM- ICAL (HIGH LEVEL) (MG/L) (00340)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR) (01030)	COLI- FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML) (31616)	COLI- FORM, TOTAL, IMMED. (COLS. PER 100 ML) (31501)	COPPER, DIS- SOLVED (UG/L AS CU) (01040)	CYANIDE DIS- SOLVED (MG/L AS CN) (00723)	STREP- TOCOCCI FECAL, (COLS. PER 100 ML) (31679)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	LEAD, DIS- SOLVED (UG/L AS PB) (01049)
OCT , 1979											
22...	--	17	--	--	--	0	--	--	.8	30	0
NOV											
15...	--	10	--	--	--	0	--	--	.8	10	0
DEC											
18...	--	12	--	--	--	0	--	--	.6	40	0
JAN , 1980											
23...	--	11	--	--	--	0	--	--	.6	20	0
FEB											
19...	--	21	--	--	--	4	--	--	.6	130	0
MAR											
26...	--	13	--	--	--	2	--	--	.2	20	0
APR											
21...	--	9.0	--	--	--	0	--	--	.5	10	0
MAY											
20...	--	8.6	--	--	--	3	--	--	.5	<10	2
JUN											
10...	--	11	--	--	--	4	--	--	.5	<10	2
JUL											
15...	--	18	--	--	--	2	--	--	1.1	10	0
AUG											
19...	--	12	--	--	--	3	--	--	1.2	<10	0
SEP											
17...	--	17	--	--	--	2	--	--	1.2	20	1
OCT											
15...	--	17	--	--	--	2	--	--	.7	10	0
NOV											
04...	--	13	--	--	--	3	--	--	1.1	<10	2
DEC											
11...	--	12	--	--	--	2	--	--	1.7	10	0
JAN , 1981											
14...	--	13	--	--	--	5	--	--	2.0	20	0
23...	--	11	--	--	--	--	--	--	1.2	<10	--
FEB											
12...	--	13	--	--	--	3	--	--	1.3	10	2
MAR											
04...	--	12	--	--	--	2	--	--	1.4	20	1
APR											
16...	--	35	--	--	--	2	--	--	1.5	20	3

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WATER QUALITY DATA

DATE	LITHIUM DIS- SOLVED (UG/L AS LI) (01130)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	MERCURY DIS- SOLVED (UG/L AS HG) (71890)	METHY- LENE BLUE ACTIVE SUB- STANCE (MG/L) (38260)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO) (01060)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3) (71851)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2) (71856)	OIL AND GREASE (MG/L) (00550)	CARBON, INORG + ORGANIC DIS- SOLVED (MG/L AS C) (00682)	CARBON, INOR- GANIC, DIS- SOLVED (MG/L AS C) (00691)
OCT , 1979											
22...	20	91	70	.0	.00	--	--	--	--	--	--
NOV											
15...	20	72	20	.0	.10	--	--	--	--	--	--
DEC											
18...	20	73	20	.0	.00	--	--	--	--	--	--
JAN , 1980											
23...	20	80	30	.0	.00	--	--	--	--	--	--
FEB											
19...	10	42	60	.0	.00	--	--	--	--	--	--
MAR											
26...	20	65	20	.0	.00	--	--	--	--	--	--
APR											
21...	20	28	10	.0	.10	--	--	--	--	--	--
MAY											
20...	10	47	9	.0	.00	--	--	--	--	--	--
JUN											
10...	9	77	20	.1	.00	--	--	--	--	--	--
JUL											
15...	10	91	50	.0	.00	--	--	--	--	--	--
AUG											
19...	9	67	8	.0	.30	--	--	--	--	--	--
SEP											
17...	10	86	30	.0	.00	--	--	--	--	--	--
OCT											
15...	20	93	40	.0	.00	--	--	--	--	--	--
NOV											
04...	10	71	10	.0	.00	--	--	--	--	--	--
DEC											
11...	10	67	10	.0	.00	--	--	--	--	--	--
JAN , 1981											
14...	20	65	10	.1	.20	--	--	.07	--	--	--
23...	--	68	--	--	--	<10	--	--	--	--	--
FEB											
12...	20	67	20	.0	.00	--	--	--	--	--	--
MAR											
04...	10	71	20	.0	.00	--	--	--	--	--	--
APR											
16...	10	79	30	.0	.00	--	--	--	--	--	--

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DATE	CARBON, TOTAL (MG/L AS C) (00690)	PHOS- PHORUS, ORTHOPH OSPHATE DISSOL. (MG/L AS PO4) (00660)	ALDRIN, TOTAL (UG/L) (39330)	LINDANE TOTAL (UG/L) (39340)	CHLOR- DANE, TOTAL (UG/L) (39350)	DDD, TOTAL (UG/L) (39360)	DDE, TOTAL (UG/L) (39365)	DDT, TOTAL (UG/L) (39370)	DI- ELDRIN TOTAL (UG/L) (39380)	ENDRIN, TOTAL (UG/L) (39390)	TOX- APHENE, TOTAL (UG/L) (39400)
OCT , 1979											
22...	--	.09	--	--	--	--	--	--	--	--	--
NOV											
15...	--	.03	--	--	--	--	--	--	--	--	--
DEC											
18...	--	.09	--	--	--	--	--	--	--	--	--
JAN , 1980											
23...	--	.15	--	--	--	--	--	--	--	--	--
FEB											
19...	--	.34	--	--	--	--	--	--	--	--	--
MAR											
26...	--	.09	--	--	--	--	--	--	--	--	--
APR											
21...	--	.00	--	--	--	--	--	--	--	--	--
MAY											
20...	--	.06	--	--	--	--	--	--	--	--	--
JUN											
10...	--	.09	--	--	--	--	--	--	--	--	--
JUL											
15...	--	.09	--	--	--	--	--	--	--	--	--
AUG											
19...	--	.15	--	--	--	--	--	--	--	--	--
SEP											
17...	--	.03	--	--	--	--	--	--	--	--	--
OCT											
15...	--	.09	--	--	--	--	--	--	--	--	--
NOV											
04...	--	.06	--	--	--	--	--	--	--	--	--
DEC											
11...	--	.03	--	--	--	--	--	--	--	--	--
JAN , 1981											
14...	--	.03	--	--	--	--	--	--	--	--	--
23...	--	--	--	--	--	--	--	--	--	--	--
FEB											
12...	--	.00	--	--	--	--	--	--	--	--	--
MAR											
04...	--	.00	--	--	--	--	--	--	--	--	--
APR											
16...	--	.00	--	--	--	--	--	--	--	--	--

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WATER QUALITY DATA

DATE	HEPTA- CHLOR, TOTAL (UG/L) (39410)	HEPTA- CHLOR EPOXIDE TOTAL (UG/L) (39420)	PCB TOTAL (UG/L) (39516)	MALA- THION, TOTAL (UG/L) (39530)	PARA- THION, TOTAL (UG/L) (39540)	DI- AZINON, TOTAL (UG/L) (39570)	METHYL PARA- THION, TOTAL (UG/L) (39600)	2,4-D, TOTAL (UG/L) (39730)	2,4,5-T TOTAL (UG/L) (39740)	SILVEX, TOTAL (UG/L) (39760)	PHENOLS (UG/L) (32730)
OCT , 1979											
22...	--	--	--	--	--	--	--	--	--	--	0
NOV											
15...	--	--	--	--	--	--	--	--	--	--	--
DEC											
18...	--	--	--	--	--	--	--	--	--	--	0
JAN , 1980											
23...	--	--	--	--	--	--	--	--	--	--	--
FEB											
19...	--	--	--	--	--	--	--	--	--	--	4
MAR											
26...	--	--	--	--	--	--	--	--	--	--	--
APR											
21...	--	--	--	--	--	--	--	--	--	--	--
MAY											
20...	--	--	--	--	--	--	--	--	--	--	0
JUN											
10...	--	--	--	--	--	--	--	--	--	--	--
JUL											
15...	--	--	--	--	--	--	--	--	--	--	--
AUG											
19...	--	--	--	--	--	--	--	--	--	--	--
SEP											
17...	--	--	--	--	--	--	--	--	--	--	3
OCT											
15...	--	--	--	--	--	--	--	--	--	--	--
NOV											
04...	--	--	--	--	--	--	--	--	--	--	--
DEC											
11...	--	--	--	--	--	--	--	--	--	--	0
JAN , 1981											
14...	--	--	--	--	--	--	--	--	--	--	--
23...	--	--	--	--	--	--	--	--	--	--	--
FEB											
12...	--	--	--	--	--	--	--	--	--	--	--
MAR											
04...	--	--	--	--	--	--	--	--	--	--	--
APR											
16...	--	--	--	--	--	--	--	--	--	--	1

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WATER QUALITY DATA

DATE	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	SELE- NIUM, DIS- SOLVED (UG/L AS SE) (01145)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	STRON- TIUM, DIS- SOLVED (UG/L AS SR) (01080)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	SULFIDE DIS- SOLVED (MG/L AS S) (00746)	ZINC, DIS- SOLVED (UG/L AS ZN) (01090)	GROSS ALPHA, SUSP. TOTAL (PCI/L AS U-NAT) (01516)	GROSS BETA, DIS- SOLVED (PCI/L AS CS-137) (03515)
OCT , 1979											
22...	4.8	1	19	200	1220	3200	460	--	6	--	--
NOV											
15...	3.1	1	16	150	936	2800	330	--	<3	--	--
DEC											
18...	2.8	1	18	150	989	3100	350	--	4	--	--
JAN , 1980											
23...	2.8	1	18	160	1010	3300	360	--	<3	--	--
FEB											
19...	5.5	0	15	150	654	1400	170	--	10	--	--
MAR											
26...	2.4	1	15	140	893	2700	320	--	4	--	--
APR											
21...	2.8	1	10	78	425	1000	130	--	<3	--	--
MAY											
20...	2.6	2	16	89	650	1600	200	--	<3	--	--
JUN											
10...	2.9	1	19	160	992	3100	340	--	6	--	--
JUL											
15...	4.6	1	18	210	1220	3400	430	--	8	--	--
AUG											
19...	3.5	1	18	170	965	2700	340	--	6	--	--
SEP											
17...	3.6	1	19	200	1150	3300	410	--	6	--	--
OCT											
15...	4.2	1	19	220	1220	3800	450	--	7	--	--
NOV											
04...	3.1	1	18	170	981	--	350	--	9	--	--
DEC											
11...	3.6	1	19	170	934	2800	290	--	4	--	--
JAN , 1981											
14...	.3	1	18	180	977	2800	320	--	10	--	--
23...	2.2	--	21	180	977	3000	350	--	--	--	--
FEB											
12...	2.0	1	17	150	893	2900	320	--	8	--	--
MAR											
04...	2.2	1	17	160	954	3100	340	--	10	--	--
APR											
16...	2.4	1	16	190	1090	3400	390	--	30	--	--

WATER QUALITY DATA

DATE	ALKALINITY (MG/L AS CACO3) (00410)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BICARBONATE (MG/L AS HCO3) (00440)	OXYGEN DEMAND, BIOCHEM UNINHIB 5 DAY (MG/L) (00310)	BORON, DISSOLVED (UG/L AS B) (01020)	BROMIDE DISSOLVED (MG/L AS BR) (71870)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	CARBONATE (MG/L AS CO3) (00445)
OCT , 1979												
22...	720	--	--	3	400	--	--	330	--	0	67	--
NOV												
15...	580	--	--	3	80	--	--	240	--	2	66	--
DEC												
19...	680	--	--	4	90	--	--	250	--	<1	75	--
JAN , 1980												
23...	710	--	--	3	90	--	--	280	--	<1	75	--
FEB												
20...	380	--	--	3	200	--	--	200	--	0	44	--
MAR												
26...	590	--	--	3	80	--	--	240	--	<1	63	--
APR												
21...	380	--	--	3	90	--	--	170	--	<1	52	--
MAY												
20...	400	--	--	3	100	--	--	150	--	1	63	--
JUN												
10...	830	--	--	4	100	--	--	380	--	0	66	--
JUL												
15...	900	--	--	5	100	--	--	480	--	0	56	--
AUG												
19...	580	--	--	4	90	--	--	350	--	1	54	--
SEP												
17...	670	--	--	4	90	--	--	370	--	<1	53	--
OCT												
15...	750	--	--	4	100	--	--	330	--	0	58	--
NOV												
06...	--	--	--	3	80	--	--	360	--	<1	64	--
DEC												
11...	--	--	--	3	90	--	--	240	--	<1	64	--
JAN , 1981												
14...	--	--	.090	4	90	--	--	260	--	<1	66	--
23...	--	--	.100	--	--	--	--	240	--	--	61	--
FEB												
12...	--	--	--	5	100	--	--	240	--	<1	65	--
MAR												
04...	--	--	--	3	100	--	--	280	--	<1	59	--
APR												
16...	--	--	--	3	100	--	--	290	--	<1	58	--

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WATER QUALITY DATA

DATE	OXYGEN DEMAND, CHEM-ICAL (HIGH LEVEL) (MG/L) (00340)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COLI-FORM, FECAL, 0.45 UM-MF (COLS./100 ML) (31616)	COLI-FORM, TOTAL, IMMED. (COLS. PER 100 ML) (31501)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	CYANIDE DIS-SOLVED (MG/L AS CN) (00723)	STREP-TOCOCCI FECAL, (COLS. PER 100 ML) (31679)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)
OCT , 1979											
22...	--	34	--	--	--	0	--	--	1.0	10	0
NOV											
15...	--	22	--	--	--	0	--	--	1.0	10	0
DEC											
19...	--	27	--	--	--	0	--	--	.2	<10	0
JAN , 1980											
23...	--	35	--	--	--	0	--	--	1.0	<10	0
FEB											
20...	--	18	--	--	--	4	--	--	.6	440	0
MAR											
26...	--	27	--	--	--	2	--	--	.3	90	0
APR											
21...	--	18	--	--	--	1	--	--	.9	780	0
MAY											
20...	--	11	--	--	--	2	--	--	.5	50	1
JUN											
10...	--	43	--	--	--	2	--	--	1.0	50	0
JUL											
15...	--	43	--	--	--	2	--	--	1.5	30	0
AUG											
19...	--	29	--	--	--	3	--	--	1.2	20	0
SEP											
17...	--	36	--	--	--	3	--	--	1.3	<10	0
OCT											
15...	--	41	--	--	--	4	--	--	1.0	40	2
NOV											
06...	--	26	--	--	--	3	--	--	1.1	10	3
DEC											
11...	--	25	--	--	--	2	--	--	1.8	10	0
JAN , 1981											
14...	--	21	--	--	--	3	--	--	2.2	20	0
23...	--	28	--	--	--	--	--	--	1.6	<10	--
FEB											
12...	--	19	--	--	--	4	--	--	1.4	10	2
MAR											
04...	--	33	--	--	--	3	--	--	1.8	10	1
APR											
16...	--	38	--	--	--	2	--	--	1.6	40	3

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WATER QUALITY DATA

DATE	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MERCURY DIS-SOLVED (UG/L AS HG) (71890)	METHY-LENE BLUE ACTIVE SUB-STANCE (MG/L) (38260)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NITRO-GEN, NITRATE DIS-SOLVED (MG/L AS NO3) (71851)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS NO2) (71856)	OIL AND GREASE (MG/L) (00550)	CARBON, INORG + ORGANIC DIS-SOLVED (MG/L AS C) (00682)	CARBON, INOR-GANIC, DIS-SOLVED (MG/L AS C) (00691)
OCT , 1979											
22...	20	98	20	.0	.00	--	--	--	--	--	--
NOV											
15...	20	71	9	.0	.00	--	--	--	--	--	--
DEC											
19...	30	77	8	.0	.00	--	--	--	--	--	--
JAN , 1980											
23...	30	80	10	.0	.00	--	--	--	--	--	--
FEB											
20...	10	51	30	.0	.00	--	--	--	--	--	--
MAR											
26...	30	69	10	.0	.00	--	--	--	--	--	--
APR											
21...	30	47	30	.0	.10	--	--	--	--	--	--
MAY											
20...	20	48	10	.0	.00	--	--	--	--	--	--
JUN											
10...	30	89	0	.0	.00	--	--	--	--	--	--
JUL											
15...	30	100	10	.0	.00	--	--	--	--	--	--
AUG											
19...	20	70	9	.0	.10	--	--	--	--	--	--
SEP											
17...	30	80	7	.0	.00	--	--	--	--	--	--
OCT											
15...	30	88	10	.0	.10	--	--	--	--	--	--
NOV											
06...	20	78	10	.0	.10	--	--	--	--	--	--
DEC											
11...	20	68	9	.1	.00	--	--	--	--	--	--
JAN , 1981											
14...	20	69	7	.0	.20	--	3.7	.07	--	--	--
23...	--	67	--	--	--	13	--	--	--	--	--
FEB											
12...	20	73	10	.0	.00	--	--	--	--	--	--
MAR											
04...	30	70	8	.0	.00	--	--	--	--	--	--
APR											
16...	30	75	10	.0	.00	--	--	--	--	--	--

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WATER QUALITY DATA

DATE	CARBON, TOTAL (MG/L AS C) (00690)	PHOS-PHORUS, ORTHOPH OSPHATE DISSOL. (MG/L AS PO4) (00660)	ALDRIN, TOTAL (UG/L) (39330)	LINDANE TOTAL (UG/L) (39340)	CHLOR-DANE, TOTAL (UG/L) (39350)	DDD, TOTAL (UG/L) (39360)	DDE, TOTAL (UG/L) (39365)	DDT, TOTAL (UG/L) (39370)	DI-ELDRIN TOTAL (UG/L) (39380)	ENDRIN, TOTAL (UG/L) (39390)	TOX-APHENE, TOTAL (UG/L) (39400)
OCT , 1979											
22...	--	.12	--	--	--	--	--	--	--	--	--
NOV											
15...	--	.03	--	--	--	--	--	--	--	--	--
DEC											
19...	--	.15	--	--	--	--	--	--	--	--	--
JAN , 1980											
23...	--	.31	--	--	--	--	--	--	--	--	--
FEB											
20...	--	.40	--	--	--	--	--	--	--	--	--
MAR											
26...	--	.15	--	--	--	--	--	--	--	--	--
APR											
21...	--	.00	--	--	--	--	--	--	--	--	--
MAY											
20...	--	.31	--	--	--	--	--	--	--	--	--
JUN											
10...	--	.06	--	--	--	--	--	--	--	--	--
JUL											
15...	--	.03	--	--	--	--	--	--	--	--	--
AUG											
19...	--	.15	--	--	--	--	--	--	--	--	--
SEP											
17...	--	.03	--	--	--	--	--	--	--	--	--
OCT											
15...	--	.15	--	--	--	--	--	--	--	--	--
NOV											
06...	--	.06	--	--	--	--	--	--	--	--	--
DEC											
11...	--	.12	--	--	--	--	--	--	--	--	--
JAN , 1981											
14...	--	.09	--	--	--	--	--	--	--	--	--
23...	--	--	--	--	--	--	--	--	--	--	--
FEB											
12...	--	.03	--	--	--	--	--	--	--	--	--
MAR											
04...	--	.03	--	--	--	--	--	--	--	--	--
APR											
16...	--	.00	--	--	--	--	--	--	--	--	--

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DATE	HEPTA-CHLOR, TOTAL (UG/L) (39410)	HEPTA-CHLOR EPOXIDE TOTAL (UG/L) (39420)	PCB TOTAL (UG/L) (39516)	MALA-THION, TOTAL (UG/L) (39530)	PARA-THION, TOTAL (UG/L) (39540)	DI-AZINON, TOTAL (UG/L) (39570)	METHYL PARA-THION, TOTAL (UG/L) (39600)	2,4-D, TOTAL (UG/L) (39730)	2,4,5-T TOTAL (UG/L) (39740)	SILVEX, TOTAL (UG/L) (39760)	PHENOLS (UG/L) (32730)
OCT , 1979											
22...	--	--	--	--	--	--	--	--	--	--	0
NOV											
15...	--	--	--	--	--	--	--	--	--	--	--
DEC											
19...	--	--	--	--	--	--	--	--	--	--	0
JAN , 1980											
23...	--	--	--	--	--	--	--	--	--	--	--
FEB											
20...	--	--	--	--	--	--	--	--	--	--	4
MAR											
26...	--	--	--	--	--	--	--	--	--	--	--
APR											
21...	--	--	--	--	--	--	--	--	--	--	--
MAY											
20...	--	--	--	--	--	--	--	--	--	--	0
JUN											
10...	--	--	--	--	--	--	--	--	--	--	--
JUL											
15...	--	--	--	--	--	--	--	--	--	--	--
AUG											
19...	--	--	--	--	--	--	--	--	--	--	--
SEP											
17...	--	--	--	--	--	--	--	--	--	--	14
OCT											
15...	--	--	--	--	--	--	--	--	--	--	--
NOV											
06...	--	--	--	--	--	--	--	--	--	--	--
DEC											
11...	--	--	--	--	--	--	--	--	--	--	0
JAN , 1981											
14...	--	--	--	--	--	--	--	--	--	--	--
23...	--	--	--	--	--	--	--	--	--	--	--
FEB											
12...	--	--	--	--	--	--	--	--	--	--	--
MAR											
04...	--	--	--	--	--	--	--	--	--	--	--
APR											
16...	--	--	--	--	--	--	--	--	--	--	0

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DATE	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	STRONTIUM, DISSOLVED (UG/L AS SR) (01080)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	SULFIDE DISSOLVED (MG/L AS S) (00746)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	GROSS ALPHA, SUSP. TOTAL (PCI/L AS U-NAT) (01516)	GROSS BETA, DISSOLVED (PCI/L AS CS-137) (03515)
OCT , 1979											
22...	5.4	1	19	330	1510	2900	520	--	10	--	--
NOV											
15...	3.5	1	17	230	1120	2600	350	--	<3	--	--
DEC											
19...	3.5	1	18	260	1240	2900	360	--	<3	--	--
JAN , 1980											
23...	3.5	1	18	310	1340	2900	380	--	<3	--	--
FEB											
20...	6.3	0	16	150	759	1800	240	--	10	--	--
MAR											
26...	2.9	1	15	270	1160	2500	350	--	4	--	--
APR											
21...	3.5	1	17	160	752	1700	220	--	<3	--	--
MAY											
20...	3.0	2	18	130	731	1600	210	--	10	--	--
JUN											
10...	4.1	1	19	390	1550	2000	430	--	0	--	--
JUL											
15...	5.3	1	11	440	1710	250	510	--	10	--	--
AUG											
19...	4.2	1	17	270	1210	2400	410	--	10	--	--
SEP											
17...	3.8	1	17	320	1320	2600	400	--	3	--	--
OCT											
15...	5.3	1	16	360	1470	--	450	--	20	--	--
NOV											
06...	3.3	1	17	270	1280	2700	470	--	5	--	--
DEC											
11...	4.1	1	18	260	1130	2600	320	--	<3	--	--
JAN , 1981											
14...	2.3	1	19	270	1160	2700	350	--	10	--	--
23...	2.3	--	17	280	1160	2600	340	--	--	--	--
FEB											
12...	2.2	1	17	240	1150	2700	390	--	10	--	--
MAR											
04...	2.6	1	17	320	1350	2700	460	--	10	--	--
APR											
16...	3.0	1	15	340	1410	2700	470	--	20	--	--

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WATER QUALITY DATA

DATE	ALKA-LINITY (MG/L AS CACO3) (00410)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BICAR-BONATE (MG/L AS HCO3) (00440)	OXYGEN DEMAND, BIOCHEM UNINHIB 5 DAY (MG/L) (00310)	BORON, DIS-SOLVED (UG/L AS B) (01020)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	CAR-BONATE (MG/L AS CO3) (00445)
OCT , 1979												
23...	1100	--	--	--	--	--	--	590	--	--	41	--
JAN , 1980												
14...	860	--	--	--	--	--	--	450	--	--	30	--
FEB												
19...	230	--	.180	4	--	--	>18	200	.1	--	12	--
AUG												
19...	1090	--	--	--	--	--	--	670	--	--	28	--
SEP												
18...	1100	--	.010	5	--	--	.9	640	.1	--	33	--
DEC												
15...	--	--	--	--	--	--	--	520	--	--	36	--
APR , 1981												
21...	--	--	.070	4	--	--	--	620	.2	--	22	--

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DATE	OXYGEN DEMAND, CHEM-ICAL (HIGH LEVEL) (MG/L) (00340)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COLI-FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML) (31616)	COLI-FORM, TOTAL, IMMED. (COLS. PER 100 ML) (31501)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	CYANIDE DIS-SOLVED (MG/L AS CN) (00723)	STREP-TOCOCCI FECAL, (COLS. PER 100 ML) (31679)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)
OCT , 1979											
23...	--	120	--	--	--	--	--	--	1.9	--	--
JAN , 1980											
14...	--	85	--	--	--	--	--	--	1.5	--	--
FEB											
19...	38	16	--	--	K300	--	--	--	.6	--	--
AUG											
19...	--	110	--	--	--	--	--	--	2.2	--	--
SEP											
18...	25	110	--	--	K110	--	--	--	2.3	--	--
DEC											
15...	--	94	--	--	--	--	--	--	2.0	--	--
APR , 1981											
21...	49	96	--	--	--	--	--	--	1.9	--	--

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WATER QUALITY DATA

DATE	LITHIUM DIS- SOLVED (UG/L AS LI) (01130)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	MERCURY DIS- SOLVED (UG/L AS HG) (71890)	METHY- LENE BLUE ACTIVE SUB- STANCE (MG/L) (38260)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO) (01060)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS NO3) (71851)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS NO2) (71856)	OIL AND GREASE (MG/L) (00550)	CARBON, INORG + ORGANIC DIS- SOLVED (MG/L AS C) (00682)	CARBON, INOR- GANIC, DIS- SOLVED (MG/L AS C) (00691)
OCT , 1979											
23...	--	100	--	--	--	--	--	--	--	--	--
JAN , 1980											
14...	--	56	--	--	--	--	--	--	--	--	--
FEB											
19...	--	11	--	.0	--	--	--	--	--	--	--
AUG											
19...	--	80	--	--	--	--	--	--	--	--	--
SEP											
18...	--	86	--	.0	--	--	--	--	--	--	--
DEC											
15...	--	92	--	--	--	--	--	--	--	--	--
APR , 1981											
21...	--	110	--	.0	--	--	--	--	--	--	--

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WATER QUALITY DATA

DATE	CARBON, TOTAL (MG/L AS C) (00690)	PHOS- PHORUS, ORTHOPH OSPHATE DISSOL. (MG/L AS PO4) (00660)	ALDRIN, TOTAL (UG/L) (39330)	LINDANE TOTAL (UG/L) (39340)	CHLOR- DANE, TOTAL (UG/L) (39350)	DDD, TOTAL (UG/L) (39360)	DDE, TOTAL (UG/L) (39365)	DDT, TOTAL (UG/L) (39370)	DI- ELDRIN TOTAL (UG/L) (39380)	ENDRIN, TOTAL (UG/L) (39390)	TOX- APHENE, TOTAL (UG/L) (39400)
OCT , 1979											
23...	--	--	--	--	--	--	--	--	--	--	--
JAN , 1980											
14...	--	--	--	--	--	--	--	--	--	--	--
FEB											
19...	--	--	--	--	--	--	--	--	--	--	--
AUG											
19...	--	--	--	--	--	--	--	--	--	--	--
SEP											
18...	--	--	.00	.00	.0	.00	.00	.00	.00	.00	0
DEC											
15...	--	--	--	--	--	--	--	--	--	--	--
APR , 1981											
21...	--	--	.00	.00	.0	.00	.00	.00	.00	.00	0

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WATER QUALITY DATA

DATE	HEPTA-CHLOR, TOTAL (UG/L) (39410)	HEPTA-CHLOR EPOXIDE TOTAL (UG/L) (39420)	PCB TOTAL (UG/L) (39516)	MALA-THION, TOTAL (UG/L) (39530)	PARA-THION, TOTAL (UG/L) (39540)	DI-AZINON, TOTAL (UG/L) (39570)	METHYL PARA-THION, TOTAL (UG/L) (39600)	2,4-D, TOTAL (UG/L) (39730)	2,4,5-T TOTAL (UG/L) (39740)	SILVEX, TOTAL (UG/L) (39760)	PHENOLS (UG/L) (32730)
OCT , 1979											
23...	--	--	--	--	--	--	--	--	--	--	--
JAN , 1980											
14...	--	--	--	--	--	--	--	--	--	--	--
FEB											
19...	--	--	--	--	--	--	--	--	--	--	5
AUG											
19...	--	--	--	--	--	--	--	--	--	--	--
SEP											
18...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1
DEC											
15...	--	--	--	--	--	--	--	--	--	--	--
APR , 1981											
21...	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	0

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WATER QUALITY DATA

DATE	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	STRON-TIUM, DIS-SOLVED (UG/L AS SR) (01080)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	SULFIDE DIS-SOLVED (MG/L AS S) (00746)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	GROSS ALPHA, SUSP. TOTAL (PCI/L AS U-NAT) (01516)	GROSS BETA, DIS-SOLVED (PCI/L AS CS-137) (03515)
OCT , 1979											
23...	5.0	--	13	600	2090	--	540	--	--	--	--
JAN , 1980											
14...	3.5	--	9.0	500	1540	--	330	--	--	--	--
FEB											
19...	4.7	2	7.7	130	489	--	110	--	--	100	6.9
AUG											
19...	4.5	--	7.3	640	2020	--	490	--	--	--	--
SEP											
18...	3.7	2	7.4	590	1970	--	470	--	--	.3	<13
DEC											
15...	5.8	--	9.2	560	1940	--	460	--	--	--	--
APR , 1981											
21...	2.7	2	9.3	720	2330	--	630	--	--	.7	<26

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TABLE 2.2.2.1-4

Remark Codes for USGS Water Quality Data

CHARACTER	REMARK
E	Estimated Value
<	Actual value is known to be less than value shown
>	Actual value is known to be greater than value shown
M	Presence of material verified but not quantified
N	Presumptive evidence of presence of material
ND	Material specifically analyzed for but not detected
K	Results based on colony count outside the acceptable range (non-ideal coloy count)

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2.2.2.2 Spring and Seeps

Water quality data for Springs and Seeps are presented in this section, Table 2.2.2.2-1. Locations of Springs and Seeps around the C-b Tract are shown in Figure 2.2.1.2-1.

Data are presented in this section for the following stations:

Station Designation	Computer Code
CB S-1	WS01
CB S-2	WS02
CB S-3	WS03
CB S-4	WS04
CB S-6	WS06
CB S-7	WS07
CB S-8	WS08
CB S-9	WS09
CB S-10 (W-3)*	WS10
S-11 (S-101)*	WS11
CB Seep A	WS12
CB S-102	WS36
CB S-6A	WS66

* Station designations with parenthesis indicate same spring sampled by both project and state personnel.

Table 2.2.2.2-1

CB-TRACT
WATER QUALITY PARAMETERS
SPRINGS AND SEEP
FOR SAMPLE DATA SHOWN

SPRGS AND SEEPS	YR	MO	MO (MG/L)	NI (MG/L)	NO3 (MG/L)	OIL AND GREASE (MG/L)	PHEN (MG/L)	K (MG/L)	B (MG/L)	TOTAL DISS SOLIDS MG/L)	SR (MG/L)	SO4 (MG/L)	CD (MG/L)	CL (MG/L)	COD (MG/L)	CR (MG/L)	CU (MG/L)
WS01	81	1	-.010	-.020	2.40	-1.0	-.0010	1.9	.20	920.0	3.0	290.0	-.010	7.9	2.0	-.020	-.020
		4	-.010	-.020	1.30	6.0	.0010	2.4	-.10	960.0		350.0	-.010	8.5	-1.0	-.020	-.020
WS02	81	1	-.010	.020	3.30	-1.0	-.0010	1.1	-.10	820.0	3.0	230.0	-.010	7.6	-1.0	-.020	.020
		4	-.010	-.020	1.80	2.0	-.0010	1.1	.10	840.0		260.0	-.010	7.3	-1.0	-.020	-.020
WS03	81	1	-.010	.030	2.20	4.0	.0100	2.5	.10	940.0	3.0	380.0	-.010	8.9	1.0	-.020	.020
		4	-.010	-.020	1.40	-1.0	.0010	3.0	-.10	1000.0		460.0	-.010	9.5	-1.0	-.020	-.020
WS04	81	1	-.010	.030	3.10	3.0	.0030	1.3	.10	850.0	3.2	260.0	-.010	7.4	6.0	-.020	-.020
		4	-.010	-.020	1.60	-1.0	-.0010	1.4	.10	880.0		350.0	-.010	6.4	-1.0	-.020	-.020
WS06	81	1	-.010	-.020	2.40	-1.0	.0020	2.8	.10	1000.0	3.8	280.0	-.010	13.0	-1.0	-.020	-.020
		4	-.010	-.020	1.00	4.0	.0010	3.0	.20	1100.0		340.0	-.010	12.0	-1.0	-.020	-.020
WS07	81	1	-.010	-.020	2.20	-1.0	.0020	2.2	-.10	1000.0	4.1	360.0	-.010	14.0	-1.0	-.020	-.020
		4	-.010	-.020	1.00	2.0	-.0010	2.6	.20	1000.0		370.0	-.010	13.0	-1.0	-.020	-.020
WS08	81	4	-.010	-.020	1.40	3.0	-.0010	2.8	.10	1000.0		290.0	-.010	12.0	-1.0	-.020	-.020
WS09	81	1	-.010	-.020	1.30	2.0	-.0010	1.6	.10	1000.0	3.8	330.0	-.010	12.0	-1.0	-.020	.020
		4	.010	.020	-.50	4.0	.0010	1.7	.20	990.0		300.0	-.010	11.0	-1.0	-.020	.020
WS10	81	1	-.010	-.020	1.60	-1.0	-.0010	1.8	.10	940.0	3.4	250.0	-.010	12.0	-1.0	-.020	-.020
		4	-.010	.030	-.50	3.0	.0020	1.8	.10	970.0		380.0	-.010	11.0	8.0	-.020	-.020
WS11	81	1	-.010	-.020	1.30	-1.0	-.0010	1.6	.10	940.0	3.4	310.0	-.010	13.0	-1.0	-.020	.020
		4	-.010	.020	.80	1.0	-.0010	1.8	.10	960.0		300.0	-.010	10.0	-1.0	-.020	-.020
WS12	81	1	.020	.020	6.10	3.0	.0110	3.0	.40	1100.0	3.0	250.0	-.010	11.0	22.0	-.020	-.020
		4	.020	-.020	3.40	2.0	.0010	3.1	.50	1100.0		240.0	-.010	11.0	-1.0	-.020	-.020
WS36	81	1	-.010	-.020	2.20	2.0	.0120	1.6	.10	940.0	3.0	320.0	-.010	6.7	2.0	-.010	-.020
		4	-.010	.020	1.60	4.0	-.0010	1.8	.20	980.0		360.0	-.010	6.8	-1.0	-.020	-.020

NOTE: - INDICATES LESS THAN

Table 2.2.2.2-1 (Cont)

CB-TRACT
WATER QUALITY PARAMETERS
SPRINGS AND SEEPS
FOR SAMPLE DATA SHOWN

SPRGS AND SEEPS	YR	MO	FECAL COLIF. COLONY /100ML	TOTAL COLIF. COLONY /100ML	N KJELD. (MG/L)	HG (MG/L)	SE (MG/L)	AG (MG/L)	TOTAL ALPHA PCI/L	TOTAL BETA PCI/L	RADIUM 226 PCI/L	ZN (MG/L)	PB (MG/L)	LI (MG/L)	MN (MG/L)	FE (MG/L)	F (MG/L)
WS01	81	1			.30	-.00020	-.010	-.010				-.020	-.020	-.05	-.020	-.02	.30
		4	25.00	30.0	-.10	-.00020	-.010	-.010				-.020	-.020	-.05	-.020	-.02	.40
WS02	81	1			.90	-.00020	-.010	-.010				-.020	-.020	-.05	-.020	-.02	.30
		4	344.00	394.0	-.10	-.00020	-.010	-.010				-.020	-.020	-.05	-.020	-.02	.30
WS03	81	1			-.10	-.00020	-.010	-.010				.020	-.020	-.05	-.020	-.02	.40
		4	268.00	292.0	-.10	-.00020	-.010	-.010				-.020	-.020	-.05	-.020	-.02	.30
WS04	81	1			.10	-.00020	-.010	-.010				-.020	-.020	-.05	-.020	.02	.40
		4	248.00	296.0	-.10	-.00020	-.010	-.010				-.020	-.020	-.05	-.020	-.02	.30
WS06	81	1			.10	-.00020	-.010	-.010				.020	-.020	-.05	-.020	.03	.40
		4	115.00	147.0	.10	-.00020	-.010	-.010				-.020	-.020	-.05	-.020	-.02	.60
WS07	81	1			.40	-.00020	-.010	-.010				-.020	-.020	-.05	-.020	-.02	.40
		4	36.00	43.0	-.10	-.00020	-.010	-.010				.020	-.020	-.05	-.020	-.02	.50
WS08	81	4	******	2300.0	.10	-.00020	-.010	-.010				-.020	-.020	-.05	-.020	-.02	.60
WS09	81	1			-.10	-.00020	-.010	-.010				.060	-.020	-.05	-.020	.03	.50
		4	382.00	422.0	-.10	-.00020	-.010	-.010				-.020	-.020	-.05	-.020	-.02	.50
WS10	81	1			.30	-.00020	-.010	-.010				-.020	-.020	-.05	-.020	.03	.50
		4	276.00	362.0	-.10	-.00020	-.010	-.010					-.020	-.05	-.020	-.02	.50
WS11	81	1			-.10	-.00020	-.010	-.010				.030	-.020	-.05	-.020	.03	.50
		4	120.00	160.0	-.10	-.00020	-.010	-.010				-.020	-.020	-.05	-.020	-.02	.50
WS12	81	1			-.10	-.00020	-.010	-.010				-.020	-.020	-.05	-.020	.02	.80
		4	440.00	466.0	-.10	-.00020	-.010	-.010				-.020	-.020	-.05	-.020	-.02	1.10
WS36	81	1			-.10	-.00020	-.010	-.010				-.020	-.020	-.05	-.020	.02	.40
		4	******	4600.0	-.10	-.00020	-.010	-.010				-.020	-.020	-.05	-.020	-.02	.40

NOTE: - INDICATES LESS THAN

Table 2.2.2.2-1 (Cont)

CB-TRACT
WATER QUALITY PARAMETERS
SPRINGS AND SEEPS
FOR SAMPLE DATA SHOWN

SPRGS AND SEEPS	YR	MO	TOTAL ALK (MG/L CACO3)	AL (MG/L)	AMMONIA AS N (MG/L)	AS (MG/L)	BA (MG/L)	HCO3 (MG/L CACO3)	CO3 (MG/L CACO3)	BOD (MG/L)	BR (MG/L)	HARDNESS (MG/L CACO3)	NA (MG/L)	MG (MG/L)	CA (MG/L)	SODIUM ABSORPTION RATIO (ME/L)
WS01	81	1	410.0	-.100	-.040	-.020	-.50	410.0	-1.0	14.0		600.0	130.0	72.0	100.0	2.421
		4	420.0	-.100	-.040	-.020	-.50	400.0	16.0	45.0		560.0	140.0	79.0	93.0	2.581
WS02	81	1	400.0	-.100	-.040	-.020	-.50	340.0	56.0	19.0		570.0	110.0	72.0	93.0	2.082
		4	410.0	-.100	-.040	-.020	-.50	350.0	62.0	45.0		530.0	120.0	74.0	91.0	2.265
WS03	81	1	420.0	-.100	.040	-.020	-.50	420.0	-1.0	2.0		700.0	130.0	91.0	110.0	2.220
		4	430.0	-.100	-.040	-.020	-.50	430.0	-1.0	53.0		610.0	150.0	88.0	100.0	2.639
WS04	81	1	400.0	-.100	-.040	-.020	-.50	380.0	20.0	20.0		600.0	120.0	73.0	100.0	2.226
		4	410.0	-.100	-.040	-.200	-.50	380.0	32.0	48.0		540.0	130.0	76.0	92.0	2.429
WS06	81	1	490.0	-.100	-.040	-.020	-.50	490.0	-1.0	32.0		700.0	140.0	90.0	110.0	2.399
		4	500.0	-.100	.040	-.020	-.50	480.0	22.0	20.0		660.0	150.0	94.0	110.0	2.538
WS07	81	1	480.0	-.100	-.040	-.020	-.50	480.0	-1.0	25.0		690.0	140.0	89.0	110.0	2.407
		4	480.0	-.100	-.040	-.020	-.50	480.0	-1.0	140.0		660.0	140.0	93.0	110.0	2.376
WS08	81	4	470.0	-.100	.070	-.020	-.50	470.0	-1.0	130.0		630.0	140.0	86.0	110.0	2.430
WS09	81	1	490.0	-.100	-.040	-.020	-.50	490.0	-1.0	9.0		690.0	130.0	82.0	120.0	2.241
		4	480.0	-.100	-.040	-.020	-.50	480.0	-1.0	140.0		630.0	130.0	86.0	110.0	2.256
WS10	81	1	460.0	-.100	.060	-.020	-.50	460.0	-1.0	18.0		660.0	120.0	76.0	120.0	2.110
		4	470.0	-.100	-.040	-.020	-.50	450.0	20.0	140.0		620.0	120.0	84.0	110.0	2.097
WS11	81	1	460.0	.100	-.040	-.020	-.50	460.0	-1.0	10.0		670.0	120.0	77.0	120.0	2.103
		4	470.0	-.100	-.040	-.020	-.50	470.0	-1.0	120.0		620.0	120.0	84.0	110.0	2.097
WS12	81	1	660.0	-.100	-.040	-.020	-.50	660.0	-1.0	10.0		630.0	210.0	81.0	100.0	3.785
		4	650.0	-.100	-.040	-.020	-.50	620.0	26.0	300.0		540.0	240.0	77.0	88.0	4.509
WS36	81	1	430.0	-.100	-.040	-.020	-.50	370.0	56.0	23.0		620.0	130.0	79.0	110.0	2.310
		4	420.0	-.100	-.040	-.020	-.50	340.0	80.0	280.0		600.0	130.0	86.0	100.0	2.303

NOTE: - INDICATES LESS THAN

2.2.2.3 Alluvial Wells

Water quality samples were not taken for Alluvial Wells during this report period.

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2.2.2.4 Upper Aquifer Wells

Water Quality samples were not taken for Upper Aquifer Wells during this report period, due to well recompletions.

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2.2.2.5 Lower Aquifer Wells

Water quality samples were not taken for Lower Aquifer Wells during this report period, due to well recompletions.

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2.

2.2.2.6 Impoundments/Discharge/NPDES/Reinjection

This section presents data for NPDES quality samples. Water quality samples for weekly, monthly and semi-annual analysis for A/B discharge (WN40) are shown in Tables 2.2.2.6-1 through 2.2.2.6-3 respectively.

This monitoring station is located on Figure 4.3-1 (Development Monitoring Activities, jacket map) in section 4.3 Station Coordinates.

Table 2.2.2.6-1

CB-TRACT
NPDES WATER QUALITY SAMPLES
WEEKLY ANALYSIS

LOC	YR	MO	DY	FLOW (GPM)	LAB TOTL SUSS SOLIDS (MG/L)	TOTAL DISSOLVED SOLIDS (MG/L)	TOTAL F (MG/L)	TOTAL B (MG/L)	AMMONIA AS N (MG/L)	TOTAL PHENOL (MG/L)	AL (MG/L)	TOTAL FE (MG/L)	OIL AND GREASE (MG/L)	PH
WN40	80	12	4		34.0	1300.0	19.00	.70	1.40	-.001	-.1	.20	4	8.20
			17		3.0	1300.0	20.00	.70	.60	.001	.2	.20	6	7.50
			23		21.0	1400.0	19.00	.80	1.00	.003	.4	.10	5	7.40
			30		18.0	1300.0	20.00	.90	1.20	.002	.1	.10	1	8.30
	81	1	7		7.0	1400.0	18.00	.80	1.20	.001	.2	.10	6	7.10
			14		5.0	1400.0	18.00	.80	1.00	.001	.4	.04	2	7.30
			21		5.0	1400.0	20.00	.80	1.20	.002	.1	-.02	4	7.00
			28		13.0	1500.0	19.00	.80	1.00	-.001	.8	.20	-1	8.20
		2	4		-1.0	1300.0	20.00	.70	.70	.004	-.1	.03	-1	7.60
			9		17.0	1400.0	18.00	.70	.90	-.001	.1	.07	2	6.90
			11		11.0	1500.0	20.00	.80	.90	-.001	.2	.08	-1	6.70
			18		20.0	1300.0	19.00	.80	1.00	.005	-.1	.30	2	8.00
			25		10.0	1400.0	18.00	.80	1.00	.002	.1	.20	1	8.20
		3	4		-1.0	1400.0	19.00	.80	.90	.002	-.1	.10	3	7.90
			11		4.0	1500.0	19.00	.70	1.10	-.001	-.1	.20	-1	6.40
			18		13.0	1400.0	19.00	.70	.60	.004	-.1	.20	-1	7.10
			25		4.0	1400.0	19.00	.70	1.00	.002	-.1	.20	-1	6.90
		4	1		14.0	1300.0	19.00	.80	1.30	-.001	-.1	.07	-1	8.90
			8		29.0	1300.0	19.00	.60	.80	-.001	-.1	.12	2	8.20
			22		77.0	1400.0	18.00	.70	1.20	.002	.2	.30	7	8.70
WN41	80	12	4		35.0	730.0	.80	.10	-.04	.003	-.1	.90	2	7.90
			10		34.0	840.0	.90	.10	.05	-.001	-.1	.80	2	7.80
			17		28.0	790.0	1.00	.20	.06	.001	-.1	.60	2	8.00
			23		57.0	800.0	1.40	.20	.04	.015	-.1	1.20	1	7.90
			30		82.0	810.0	1.40	.20	-.04	.003		1.40	-1	7.80
	81	1	7		23.0	830.0	1.40	.20	.04	.002	-.1	.40	-1	7.60
			14		6.0	850.0	1.30	.20	.04	.015	-.1	.20	-1	7.70
			21		20.0	1000.0	8.20	.40	.20	-.001	-.1	.02	-1	7.80
			28						.04					7.70
		2	11						.08					7.50
			18						.07					8.00
			25						.20					7.60
		3	4						.08					7.60
			11						.08					7.90
			18						.10					7.80
			25						.10					8.10
		4	1						.06					8.30
			8						.07					8.10
			15						-.04					8.10

NOTE: - INDICATES LESS THAN

Table 2.2.2.6-1 (Cont)

CB-TRACT
NPDES WATER QUALITY SAMPLES
WEEKLY ANALYSIS

LOC	YR	MO	DY	FLOW (GPM)	LAB TOTL SUSS SOLIDS (MG/L)	TOTAL DISSOLVED SOLIDS (MG/L)	TOTAL F (MG/L)	TOTAL B (MG/L)	AMMONIA AS N (MG/L)	TOTAL PHENOL (MG/L)	AL (MG/L)	TOTAL FE (MG/L)	OIL AND GREASE (MG/L)	PH
WN41	81	4	22						.07					8.10
			29						.20					7.76
WN42	80	12	4		70.0	760.0	3.70	.30	-.04	.002	-.1	1.40	1	8.20
			10		37.0	930.0	3.90	.30	.20	-.001	-.1	1.00	1	8.00
			17		49.0	830.0	3.40	.30	.70	.002	-.1	.90	4	7.90
			23		91.0	860.0	3.80	.30	.07	.014	-.1	1.40	1	7.90
			30		92.0	940.0	4.30	.30	.08	.002		2.00	1	8.00
	81	1	7		27.0	1000.0	6.00	.30	.10	.007	-.1	.50	1	8.00
			14		9.0	990.0	6.20	.30	.10	.002	-.1	.40	-1	7.90
			21		29.0	950.0	5.60	.30	.10	-.001	-.1	-.02	1	7.90
			28						.08					8.60
		2	4						.08					7.80
									.10					8.20
			11						.20					8.00
			18						.10					7.90
			25						.20					7.90
		3	4						.08					8.00
			11						.10					8.00
			18						.10					8.00
			25						.20					8.20
		4	1						.08					8.10
			8						.05					8.20
			15						-.04					8.40
			22						.06					8.50
			29						.20					8.21
WU02	81	2	25				1.80							
WU42	80	12	4											8.80
			10				18.00		.30		.1		3	8.50
			17				19.00		.20		.1		8	8.60
			23				18.00		.10		.2		1	8.40
			30				20.00		.30		-.1		-1	8.60
	81	1	7				18.00		.60		.1		2	8.30
			14				21.00		.40					8.20
			21				20.00		.40		-.1		1	8.30
			28						.20					8.60
		2	4						.30					8.40
			11						.40					8.40
			18						.20					8.50
			25						.20					8.50

NOTE: - INDICATES LESS THAN

Table 2.2.2.6-1 (Cont)

CB-TRACT
NPDES WATER QUALITY SAMPLES
WEEKLY ANALYSIS

LOC	YR	MO	DY	FLOW (GPM)	LAB TOTL SUSS SOLIDS (MG/L)	TOTAL DISSOLVED SOLIDS (MG/L)	TOTAL F (MG/L)	TOTAL B (MG/L)	AMMONIA AS N (MG/L)	TOTAL PHENOL (MG/L)	AL (MG/L)	TOTAL FE (MG/L)	OIL AND GREASE (MG/L)	PH
WU42	81	3	4						.07					8.60
			11						.30					8.40
			18						.09					8.60
		4	1						.30					9.00
			8						.20					8.80
			15						.05					8.80

NOTE: - INDICATES LESS THAN

Table 2.2.2.6-2

CB-TRACT
NPDES WATER QUALITY SAMPLES
MONTHLY ANALYSIS

LOC	YR	MO	TOTAL CD (MG/L)	TOTAL CU (MG/L)	TOTAL HG (MG/L)	TOTAL AG (MG/L)	TOTAL ZN (MG/L)
WN40	80	12	-.01	-.01	-.00020	-.01	-.01
	81	1	-.01	-.02	.00040	-.01	.03
		2	-.02	-.04	.00180	-.02	.08
		3	-.01	-.02	-.00020	-.01	-.02
		4	-.01	-.02	-.00020	-.01	-.02
WN41	80	12					
	81	1					
		2					
		3					
		4					
WN42	80	12					
	81	1					
		2					
		3					
		4					
WU02	81	2					
WU42	80	12					
	81	1					
		2					
		3					
		4					

NOTE: - INDICATES LESS THAN

Table 2.2.2.6-3

NPDES SEMI-ANNUAL
WATER QUALITY (MG/L)

LOC	YR	MO	TOTAL ALKALINITY	BROMIDE	CARBONATE	CALCIUM	NITRATE	SULFATE	SULFIDE	BICARBONATE	SILICA
WN40	80	12	980.00	-.1	30.0	7.00	4.7	180.0	-.5	950.0	35.0

NOTE: - INDICATES LESS THAN

Table 2.2.2.6-3 (Cont)

NPDES SEMI-ANNUAL
WATER QUALITY (MG/L)

LOC	YR	MO	TOTAL CADMIUM	TOTAL CHROMIUM	TOTAL COPPER	TOTAL IRON	TOTAL LEAD	TOTAL LITHIUM	MAGNESIUM	TOTAL MANGANESE	TOTAL MOLYBDENUM
WN40	80	12	-.01	.02	-.01	.10	.01	-.05	4.70	-.01	.04

NOTE: - INDICATES LESS THAN

Table 2.2.2.6-3 (Cont)

NPDES SEMI-ANNUAL
WATER QUALITY (MG/L)

LOC	YR	MO	TOTAL DISSOLVED SOLIDS	FLORIDE	BORON	AMMONIA AS N	PHENOL	OIL AND GREASE	TOTAL MERCURY	TOTAL ALUMINUM	TOTAL ARSENIC	TOTAL BARIUM
WN40	80	12	1400.0	18.00	.80	1.000	-.001	3.00	-.00020	.40	-.02	.30

NOTE: - INDICATES LESS THAN

Table 2.2.2.6-3 (Cont)

NPDES SEMI-ANNUAL
WATER QUALITY (MG/L)

LOC	YR	MO	TOTAL NICKEL	TOTAL POTASSIUM	SELENIUM	TOTAL SILVER	TOTAL SODIUM	TOTAL STRONTIUM	TOTAL ZINC	TOTAL TITANIUM	TOTAL VANADIUM	KJELDAHL
WN40	80	12	-.01	4.80	.0200	-.01	560.00	.80	.03	-.05	.01	1.10

NOTE: - INDICATES LESS THAN

Table 2.2.2.6-3 (Cont)

NPDES SEMI-ANNUAL
WATER QUALITY (MG/L)

LOC	YR	MO	TOTAL ZIRCONIUM	TOTAL BERYLLIUM	TOTAL BISMUTH	TOTAL GERMANIUM	TOTAL GALLIUM	CYANIDE	SUSSPENDED SOLIDS	DOC
WN40	80	12		-.010	-.500			.005	19.00	4.0

NOTE - INDICATES LESS THAN

Table 2.2.2.6-3 (Cont)

NPDES SEMI-ANNUAL
WATER QUALITY
MEASUREMENT PCI/L UNLESS OTHERWISE NOTED

LOC	YR	MO	TOTAL ALPHA	TOTAL BETA	TOTAL RADIUM 226	TOTAL URANIUM	TEMP DEGS	NITRATE/NITRATE (MG/L)
WN40	80	12	9.0	9.0	.400	.0090	15.00	.150

NOTE: - INDICATES LESS THAN

Table 2.2.2.6-3 (Cont)

NPDES SEMI-ANNUAL
WATER QUALITY (MG/L)
FRACTIONATION OF DOC

LOC	YR	MO	CONDUCTIVITY	PH	COD
WN40	80	12	2300.0	7.7	8.00

NOTE: - INDICATES LESS THAN

2.2.2.7 Shaft and Mine Water

Shaft water is analyzed at the three shafts on C-b Tract; Ventilation/Escape, Service and Production Shafts. Water samples were not taken during this report period.

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2.2.2.8 Shale Dumps

Shaft sinking commenced in 1979. No significant amount of shale was brought to the surface during this reporting period as a result of shaft sinking activity.

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2.2.2.9 Sediments

Stream bed sediments were not sampled during this report period.

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2.2.3 Supplemental Water Data

Water Quality data for two seepage monitoring wells (WW12 and WW13), two deep wells which are located near V/E Shaft and Production/Service Shafts, and sample of WW22 are presented in Table 2.2.3-1.

Water levels for Composite Wells required by the Water Augmentation Plan (WAP) are presented in Table 2.2.3-2.

Water levels for wells monitored in the Unitah Formation Zone are presneted in Table 2.2.3-3.

Plots of two Composite Wells are presented in Figures 2.2.3-1 and 2.2.3-2.

Stevens Recorder levels data for Composite Well WV37 and seepage monitoring well WW13 are presented in Tables 2.2.3-4 and 2.2.3-5, consecutive.

Monitoring of flow data for two creeks, Willow Creek and Hunter Creek, began September 18, 1980. Tables 2.2.3-6 and 2.2.3-7 present daily discharge of these stations.

Table 2.2.3-1

CB-TRACT
WATER LEVELS FOR SEEPAGE WELLS
FOR SAMPLE DATE SHOWN

			WELL ID - FT FROM GROUND LEVEL		
YR	MO	DY	WW12 DEPTH (FT)	WW13 DEPTH (FT)	WW22 DEPTH (FT)
80	11	3	6606.59		
		7		6607.41	
		13	6607.39		
		14		6608.78	
		18	6607.39	6609.14	
		26		6609.99	6609.12
	12	5			6609.11
		10		6607.20	6609.07
		16			6609.00
		17		6608.95	
		23		6608.30	6607.62
81	1	16			6608.90
		20		6608.59	
		23			6608.71
		30		6608.62	6608.64
	2	4			6608.67
		6		6608.30	6608.52
		10		6608.46	
		11			6608.65
		17		6607.90	
		19			6608.00
		25		6608.20	6608.20
	3	11		6609.74	6607.80
	4	20		6626.46	6607.03
	5	18		6636.85	6606.82

PLUGGD = WELL PLUGGED
DRY = WELL DRY
FLWING = WELL FLOWING
INACCS = WELL INACCESSABLE

Table 2.2.3-2

CB-TRACT
WATER LEVELS IN COMPOSITE WELLS REQUIRED BY WATER AUGMENTATION PLAN FOR SAMPLE DATE SHOWN

		WELL ID - MEASURING POINT ELEVATION (FT)					
		WV01	WV02	WV03	WV04	WV05	WV37
YR	MO	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)	DEPTH (FT)
80	11	6334	FLWNG	FLWNG	FLWNG	7355	
	12	6333	FLWING	FLWING	FLWING	7355	
81	1	6333	FLWING	FLWING	FLWING	7355	6445
	2	6332	FLWING	FLWING	FLWING	7355	6509
	3	6331	FLWING	FLWING	FLWING	7355	6452
	4	6331	FLWING	FLWING	FLWING	7374	6497
	5	6331	FLWING	FLWING	FLWING	7356	6486

PLUGGD = WELL PLUGGED
DRY = WELL DRY
FLWING = WELL FLOWING
INACCS = WELL INACCESSABLE

Table 2.2.3-3

CB-TRACT
WATER LEVELS
UNITAH FORMATION ZONE
FOR SAMPLE DATE SHOWN

		WELL ID	
		WC17 DEPTH (FT)	WC91 DEPTH (FT)
YR	MO		
80	12	6665	6518
81	1	6665	6518
	2	6668	6518
	3	6664	6518
	4	6662	6519
	5	6662	6519

PLUGGD = WELL PLUGGED
DRY = WELL DRY
FLWING = WELL FLOWING
INACCS = WELL INACCESSABLE

STATISTICAL ANALYSIS SYSTEM

LOC=WV01

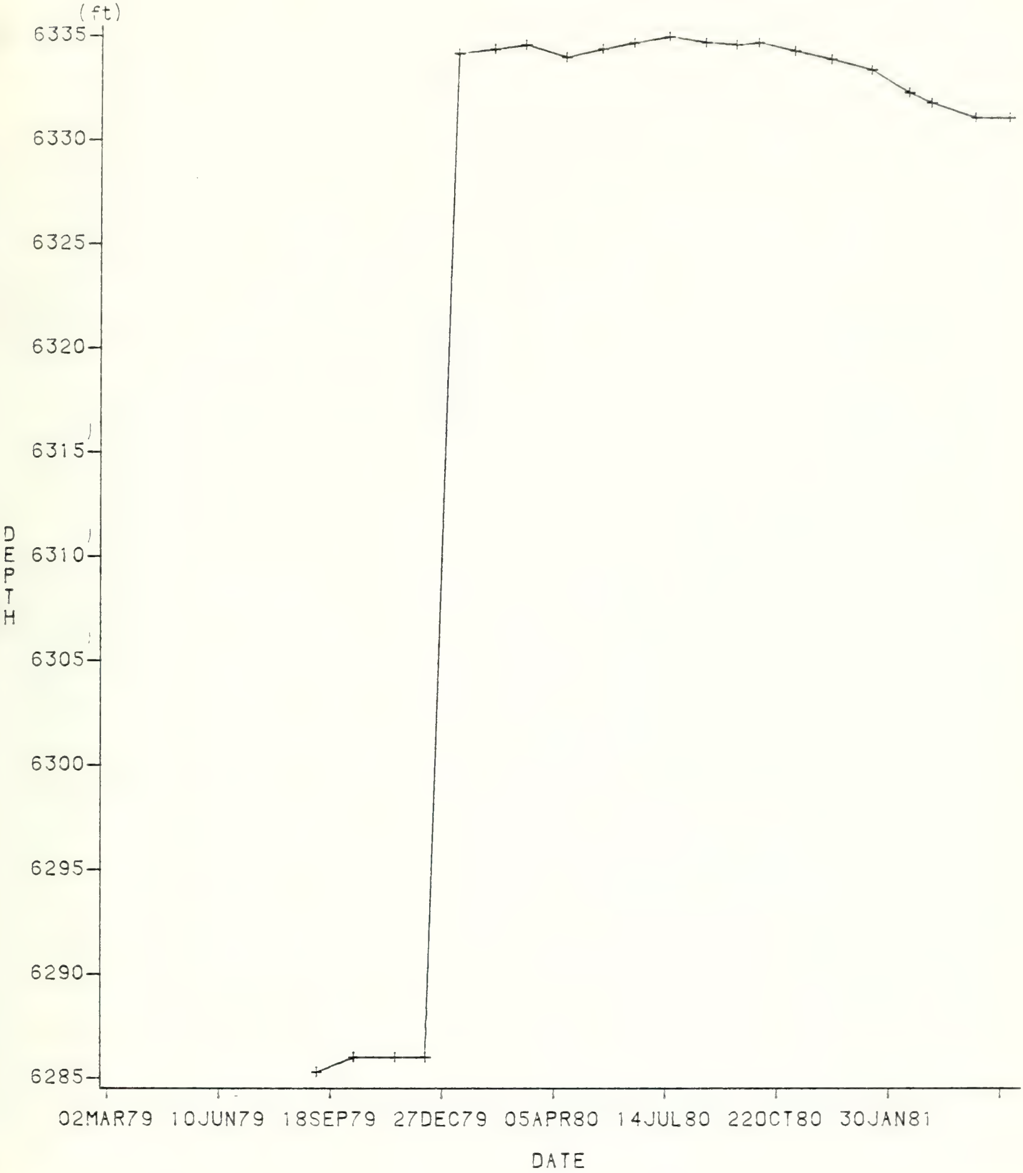

Figure 2.2.3-1

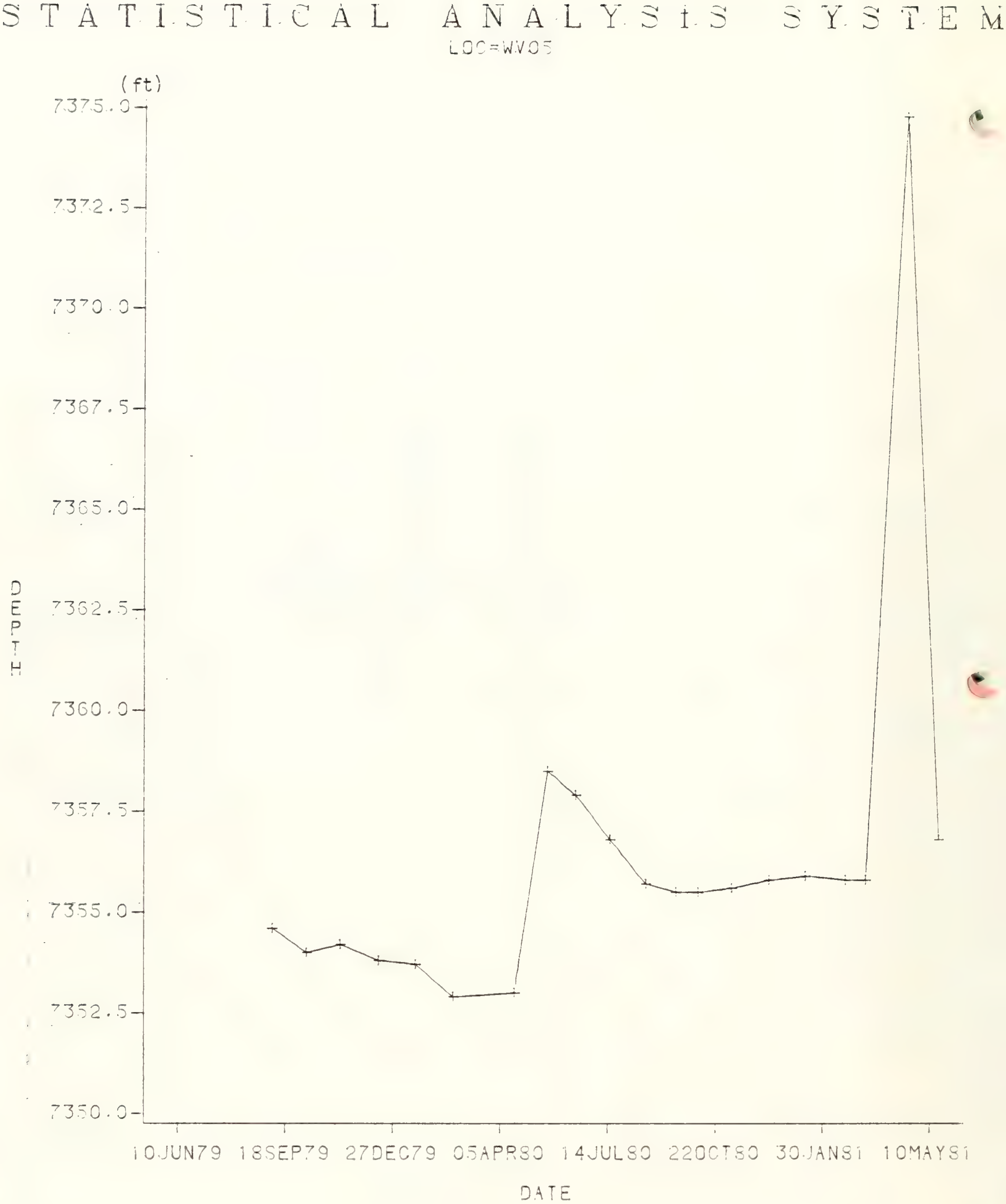
STATISTICAL ANALYSIS SYSTEM
LOC=WV05
(ft)
7375.0
7372.5
7370.0
7367.5
7365.0
7362.5
7360.0
7357.5
7355.0
7352.5
7350.0
DEPTH
10JUN79
18SEP79
27DEC79
05APR80
14JUL80
22OCT80
30JAN81
10MAY81
DATE

Figure 2.2.3-2

STEVEN'S RECORDER MAXIMUM WELL DEPTHS

Table 2.2.3-4

STATION: WV37

(DISTANCE FROM SURFACE IN FEET)

YEAR: 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1			762.25									
2			762.11									
3			462.22									
4			462.28									
5			460.98									
6			457.58									
7			453.52									
8			453.51									
9			451.51									
10		763.15	448.82									
11		761.75	447.68									
12		761.87	444.22									
13		761.88	444.21									
14		761.91	436.91									
15		761.91	436.09									
16		761.94	435.51									
17		761.94										
18		761.94										
19		762.01										
20		762.01										
21		762.01										
22		762.01										
23		762.03										
24		762.06										
25		762.15										
26		762.25										
27		762.25										
28		762.25										
29												
30												
31												
TOTAL												

STEVEN'S RECORDER MAXIMUM WELL DEPTHS Table 2.2.3-5

STATION: WW13 (DISTANCE FROM SURFACE IN FEET) YEAR: 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												345.12
30												345.13
31												345.11
TOTAL												

STEVEN'S RECORDER MAXIMUM WELL DEPTHS

(DISTANCE FROM SURFACE IN FEET)

Table 2.2.3-5 (cont.)

STATION: WW13

YEAR: 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	345.09	345.21	345.49	346.64	333.00	313.93						
2	345.08	345.22	345.39	346.44	332.51	313.62						
3	345.00	345.26	344.77	346.01	332.15	313.31						
4	344.96	345.28	348.58	345.50	331.80	313.04						
5	344.93	345.28	344.53	345.34	331.66							
6	344.94	345.28	344.44	345.15	331.15							
7	344.90	345.27	344.30	344.75	331.07							
8	344.91	345.26	344.20	344.45	329.58							
9	344.96	345.20	344.18	344.03	329.44							
10	345.02	345.33	344.14	343.91	329.13							
11	345.05	345.48	343.86	342.35	328.71							
12	345.04	345.65	343.77	342.33	328.58							
13	345.02	345.72	343.54	341.67	328.56							
14	344.98	345.73	343.48	340.26	328.56							
15	344.94	345.72	342.97	340.17	327.14							
16	344.98	345.72	342.81	340.15	327.03							
17	344.99	345.69	342.54	339.21	326.83							
18	344.98	345.69	342.32	339.06	RF							
19	345.04	345.71	341.97	339.05	RF							
20	345.08	345.76	341.85	338.05	316.74							
21	345.09	345.72	340.16	337.55	316.60							
22	345.05	345.63	339.91	337.11	316.60							
23	344.97	345.64	339.74	337.09	316.60							
24	344.94	345.68	339.51	336.06	316.60							
25	344.92	345.67	339.23	335.16	315.67							
26	344.93	345.66	338.94	334.82	315.48							
27	344.94	345.63	338.57	334.24	315.47							
28	344.95	345.51	338.57	334.01	314.91							
29	344.94		338.57	333.70	314.72							
30	345.05		347.04	333.54	314.65							
31	345.18		346.71		314.22							
TOTAL												

Table 2.2.3-6

Discharge In Cubic Feet Per Second — Willow Creek - Occidental Station — Water Year October 1980 to September 1981

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2.8	4.3	2.4	2.2	2.2	2.8	3.1	2.3	1.4			
2	2.8	4.2	2.4	2.2	2.4	3.3	3.3	2.3	1.3			
3	2.8	4.1	2.4	2.3	2.4	3.1	3.3	2.4	1.4			
4	2.8	3.7	2.4	2.3	2.4	3.3	3.3	2.3	1.4			
5	2.8	4.7	2.4	2.2	2.4	3.3	3.3	2.2	1.4			
6	2.8	5.1	2.3	2.3	2.4	3.3	3.3	2.2	1.4			
7	2.8	3.9	2.4	2.3	2.4	3.3	3.3	* 1.5	1.3			
8	2.6	3.8	2.5	2.3	2.4	3.3	3.3	1.3	1.2			
9	2.6	3.8	2.5	2.3	2.4	3.3	3.3	1.6	1.2			
10	2.6	3.7	2.5	2.3	2.4	3.3	3.1	1.5	1.2			
11	2.6	3.4	2.6	2.3	2.3	3.3	3.1	1.5	1.1			
12	2.6	3.3	2.6	2.3	2.3	3.3	3.1	1.3	1.1			
13	2.4	3.6	2.5	2.3	2.3	3.3	3.0	1.4	1.1			
14	2.5	2.9	2.4	2.3	2.3	3.3	2.8	1.6	1.1			
15	3.3	1.8	2.4	2.3	2.5	3.3	2.6	1.6	1.1			
16	3.3	1.9	2.5	2.3	2.8	3.3	3.0	1.6				
17	3.1	1.7	3.0	2.3	2.8	3.0	3.0	1.6				
18	3.0	1.7	3.1	2.3	2.8	3.0	2.8	1.6				
19	2.8	1.6	2.9	2.3	2.9	3.0	3.4	1.6				
20	2.6	1.6	2.9	2.3	3.1	3.0	3.8	1.6				
21	2.4	1.6	2.8	2.3	2.6	3.0	3.0	1.7				
22	2.5	1.6	2.6	2.3	2.8	3.0	2.9	1.7				
23	2.0	1.9	2.6	2.4	3.0	2.9	2.9	1.7				
24	2.3	2.2	2.5	2.4	2.8	3.1	2.9	1.5				
25	2.9	2.2	2.5	2.3	2.4	3.0	2.9	1.3				
26	3.0	2.3	2.5	2.0	2.6	3.0	2.8	1.3				
27	3.1	2.0	2.4	2.0	2.6	3.0	2.6	1.3				
28	3.7	2.4	2.3	2.1	2.8	3.0	2.4	1.4				
29	3.7	2.5	2.1	2.2		3.1	2.3	1.5				
30	4.4	2.5	2.1	2.0		3.3	2.3	1.3				
31	4.3		2.2	2.1		3.1		1.4				
Total	89.9	86.0	77.7	69.8	71.5	97.6	90.2	51.1				
Ac-ft	178.3	170.6	154.1	138.5	141.8	193.7	178.9	101.6				

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* Irrigation season started

Table 2.2.3-7

Discharge In Cubic Feet Per Second

Hunter Creek - Occidental Station

Water Year October 1980 to September 1981

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	2.9	2.6	2.5	2.0	2.1	1.9	2.2	1.6	1.4			
2	2.9	2.6	2.5	1.9	2.0	1.9	2.0	1.6	1.4			
3	2.9	2.6	2.5	1.8	2.0	1.8	2.0	1.7	1.4			
4	2.9	2.6	2.4	1.7	2.0	1.9	2.0	1.9	1.1			
5	2.9	2.6	2.5	1.7	2.0	1.8	2.1	1.6	1.3			
6	2.9	2.6	2.4	1.8	1.9	1.7	2.0	1.6	1.3			
7	2.9	2.6	2.4	1.8	1.9	1.8	1.9	1.6	1.2			
8	2.8	2.6	2.3	1.9	1.8	1.8	1.9	1.6	1.3			
9	2.9	2.6	2.3	1.9	1.8	1.9	1.9	1.6	1.2			
10	2.9	2.6	2.2	1.9	1.8	2.0	1.9	1.5	1.2			
11	2.9	2.6	2.2	2.0	1.7	2.0	1.9	1.5	1.2			
12	2.9	2.6	2.3	2.0	1.8	2.0	1.7	1.5	1.2			
13	2.9	2.8	2.3	2.0	1.8	2.0	1.7	1.5	1.2			
14	2.9	2.8	2.3	2.0	1.7	1.9	1.6	1.5	1.2			
15	3.0	2.8	2.2	2.0	1.7	1.9	1.7	1.4	1.3			
16	2.9	2.6	2.3	2.0	1.7	1.8	1.7	1.5				
17	2.9	2.6	2.3	2.0	2.0	2.0	1.7	1.5				
18	2.8	2.6	2.3	2.0	2.0	2.0	1.6	1.4				
19	2.8	2.6	2.3	1.9	2.1	1.8	1.6	1.4				
20	2.8	2.6	2.3	2.0	2.0	1.8	1.6	1.5				
21	2.8	2.6	2.3	2.0	2.0	1.9	1.6	1.4				
22	2.8	2.6	2.2	2.0	2.0	1.9	1.6	1.4				
23	2.6	2.6	2.2	1.9	2.1	1.8	1.6	1.4				
24	2.6	2.6	2.2	2.0	2.1	1.9	1.6	1.4				
25	2.6	2.6	2.2	2.0	2.0	1.8	1.6	1.4				
26	2.6	2.6	2.2	2.0	2.0	1.8	1.6	.6				
27	2.6	2.6	2.2	2.0	2.0	1.8	1.6	1.0				
28	2.6	2.5	2.1	2.0	1.9	1.8	1.6	1.1				
29	2.6	2.5	2.1	2.0		2.0	1.6	1.2				
30	2.6	2.5	2.1	2.0		2.0	1.6	1.2				
31	2.6		2.1	2.0		2.0		1.2				
Total	86.7	77.9	70.7	60.2	53.9	58.4	52.7	44.3				
Ac-ft	172.0	154.5	140.2	119.4	106.9	115.9	104.5	87.9				

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